

Fig. 1

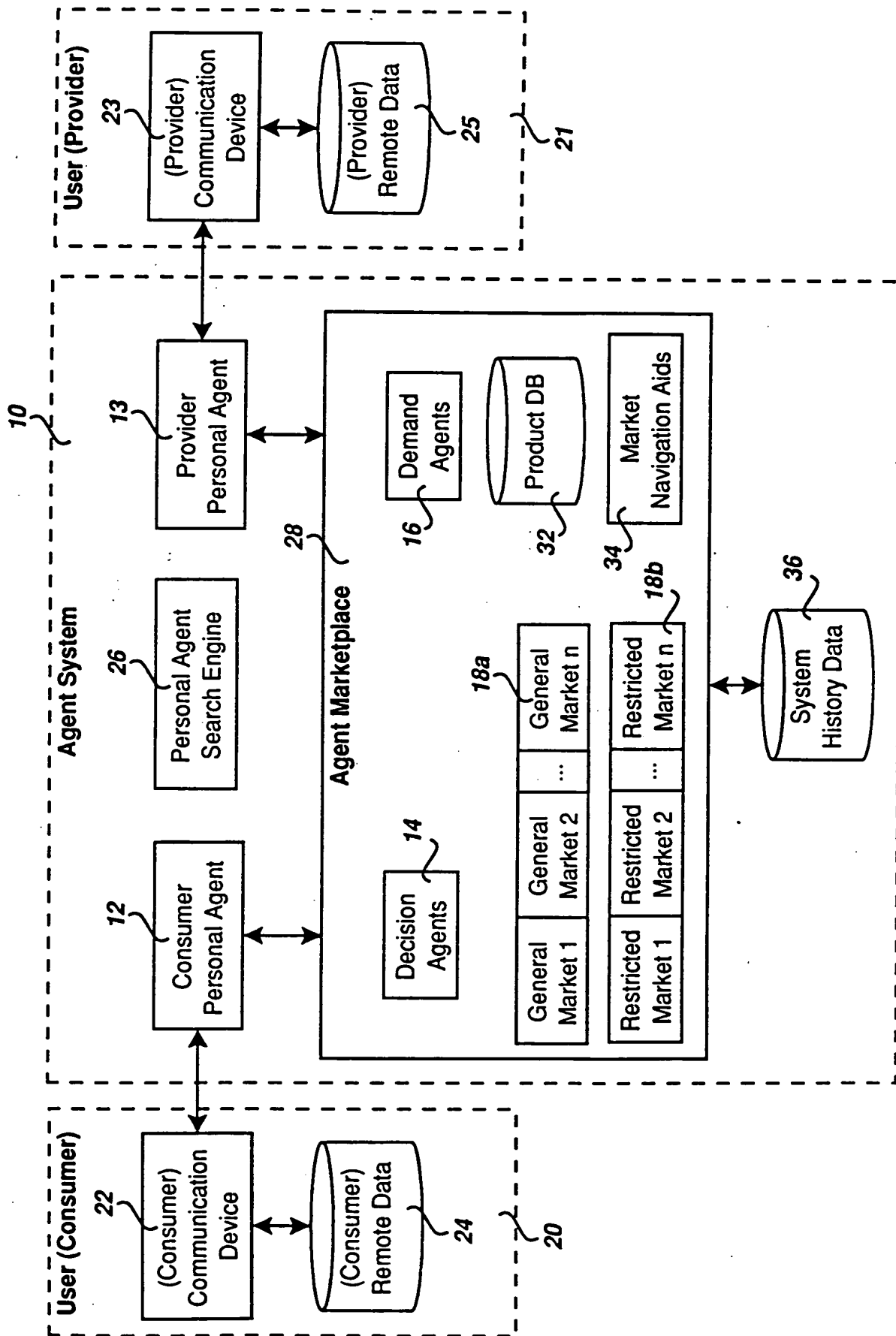


Fig. 2

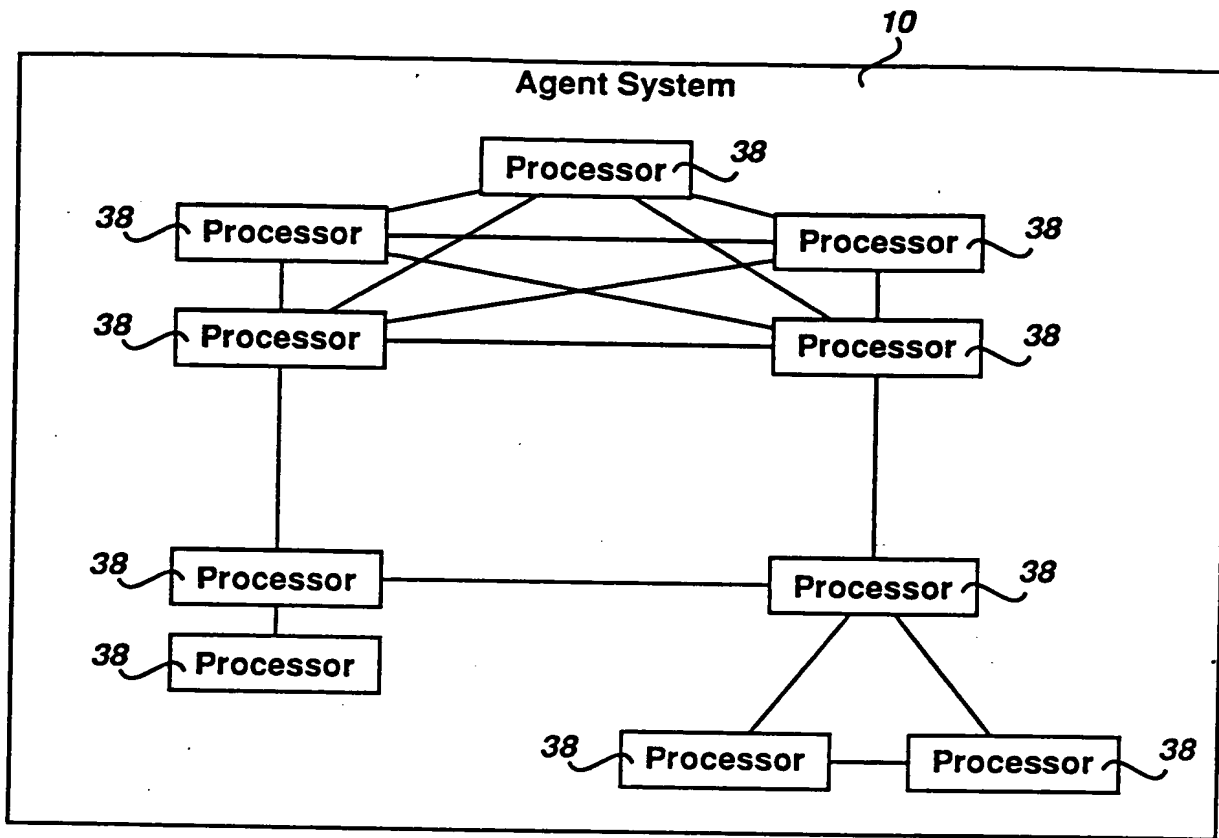


Fig. 3A

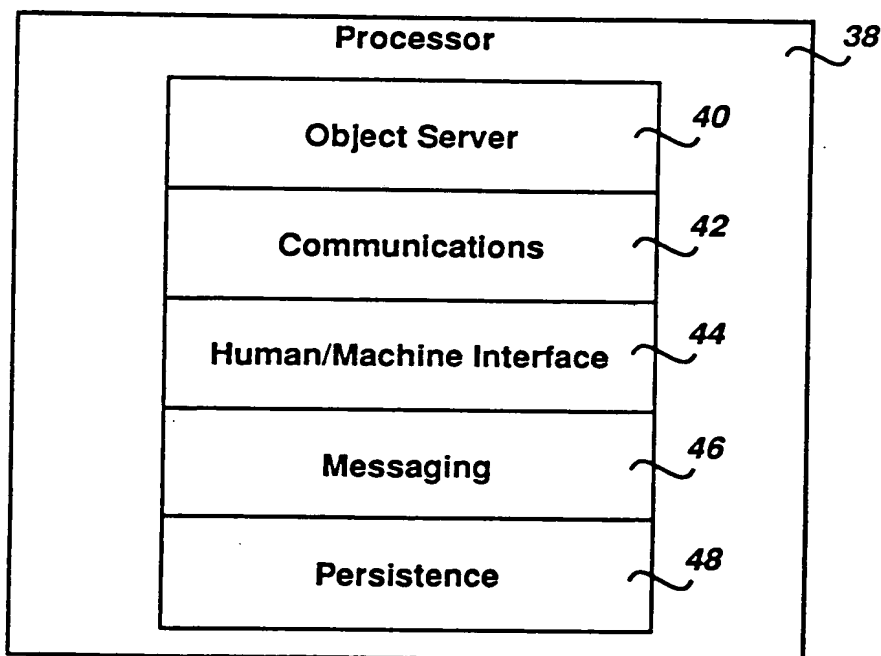


Fig. 3B

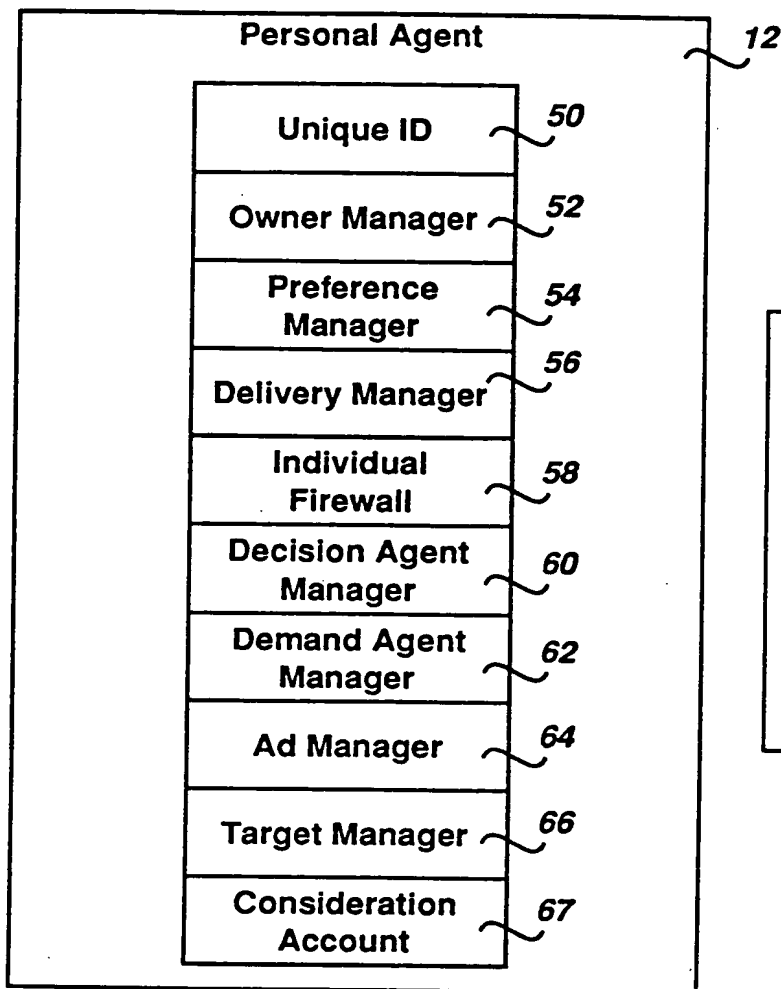


Fig. 4A

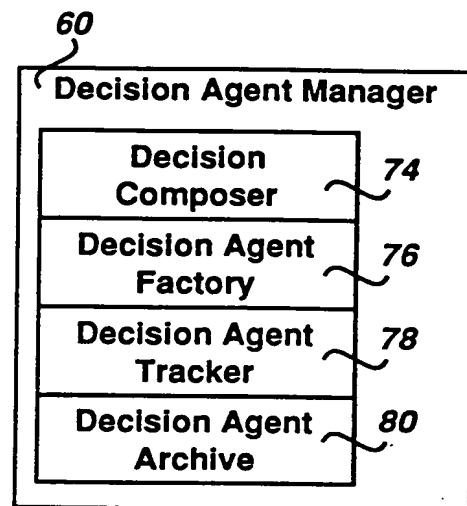


Fig. 4B

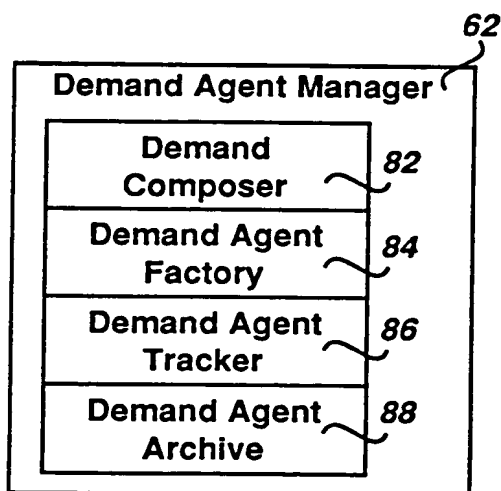


Fig. 4C

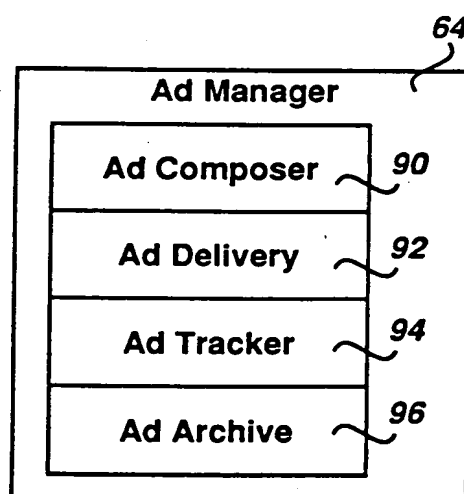


Fig. 4D

FIG. 4A "BASE 260"

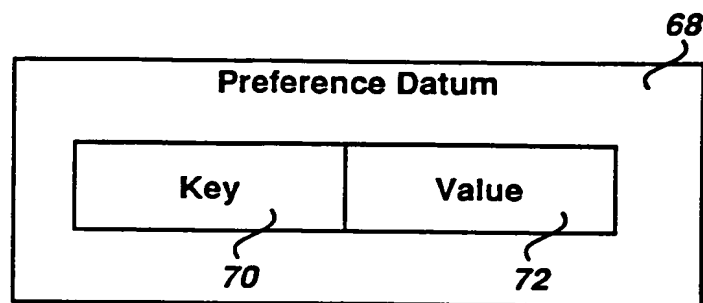


Fig. 5A

Key	Value
Age	34
Homeowner	Yes
Gender	Male
Cats	interested
brand name 1	like
brand name 2	dislike
brand name 3	neutral
brand name 4	like > brand name 3
brand name 5	a favorite
email Consideration Fee	greater than \$1.00
alpine skiing	dislike
cross country skiing	like
MSG in food	dislike
delivered pizza	No
phone solicitation	never
favorite color	blue, red
health and fitness	interested
weight lifting	rank 1 in 10
stair climbing	rank 3 in 10
swimming	rank 10 in 10

Fig. 5B

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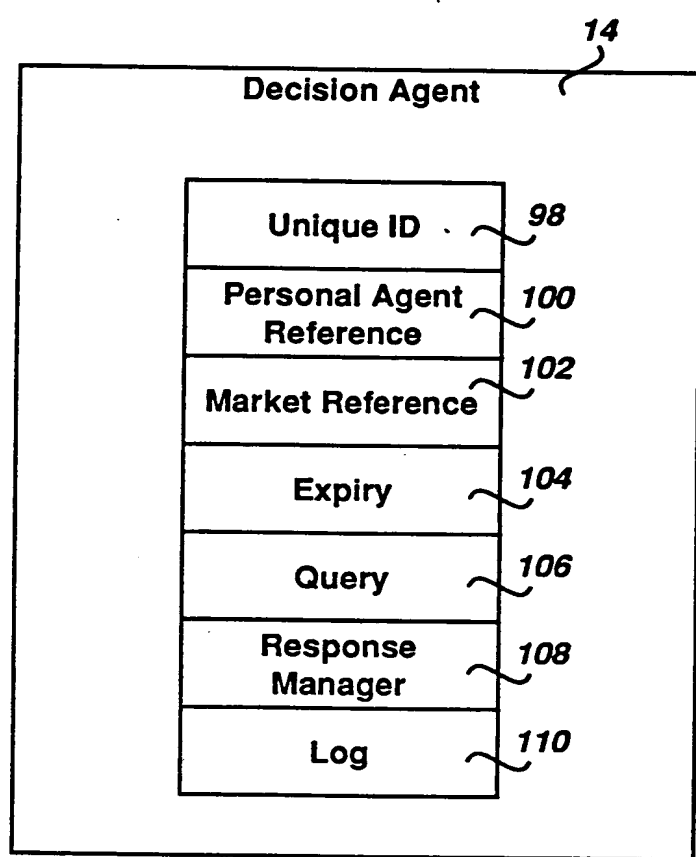


Fig. 6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

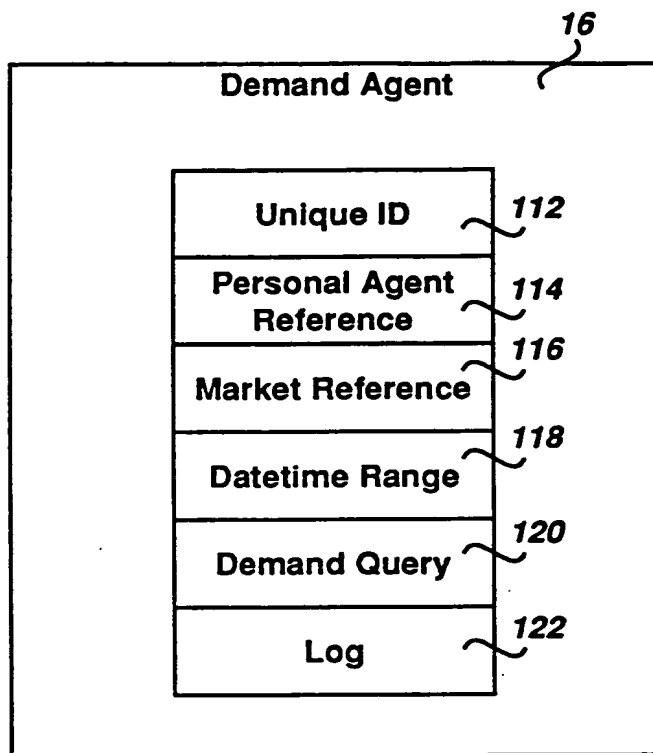


Fig. 7

Fig. 8A

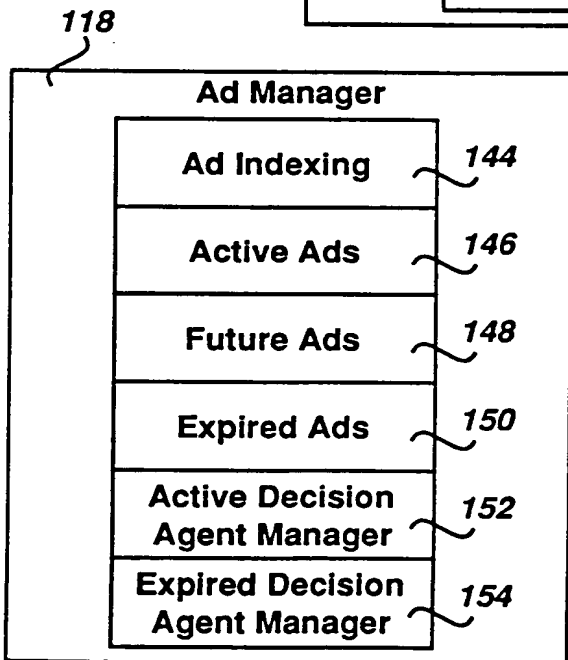
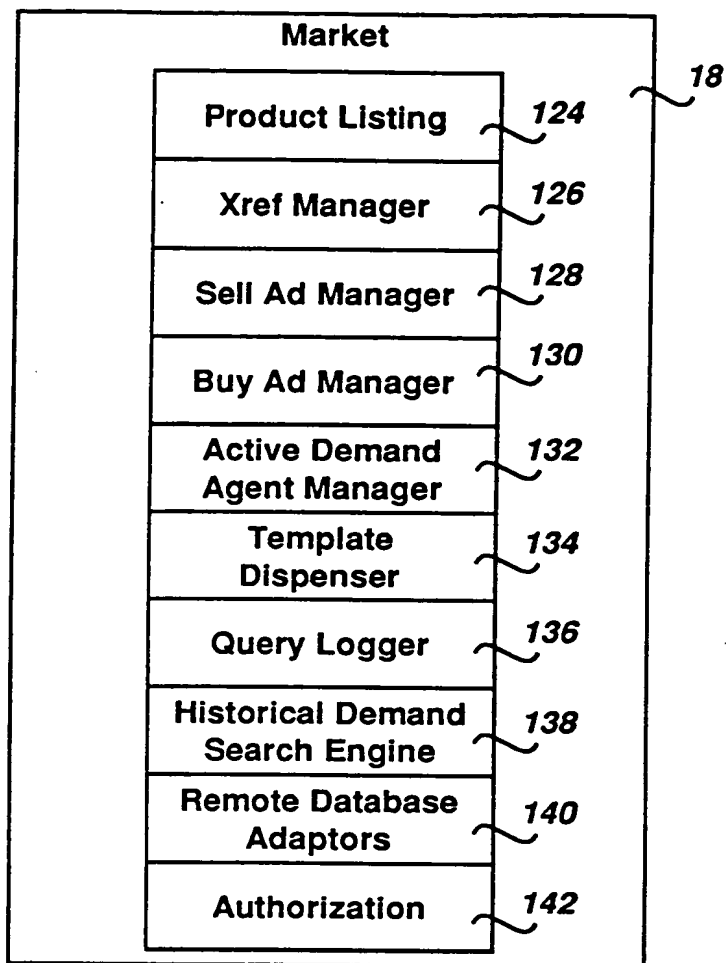


Fig. 8B

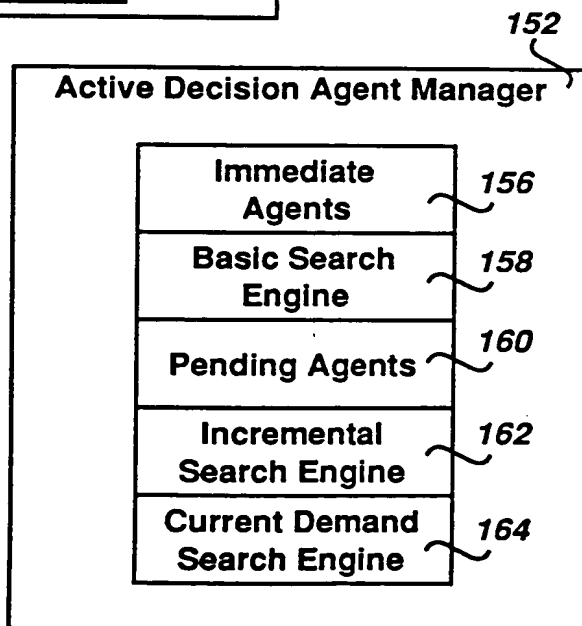


Fig. 8C

662210" 8685260

Fig. 9A

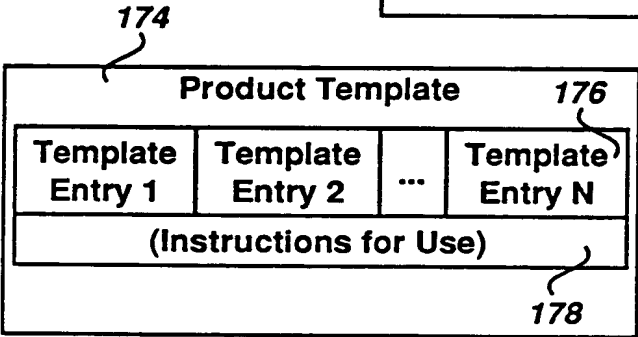
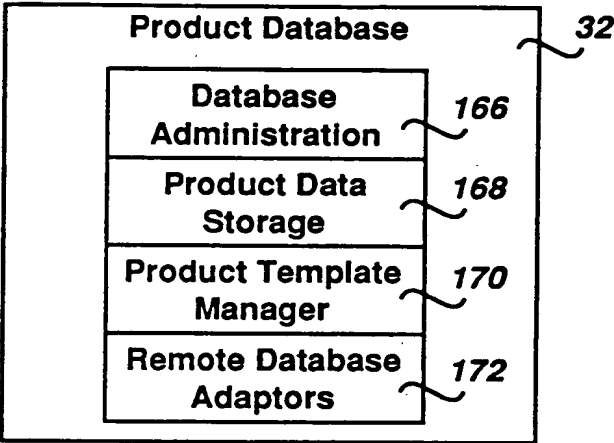


Fig. 9B

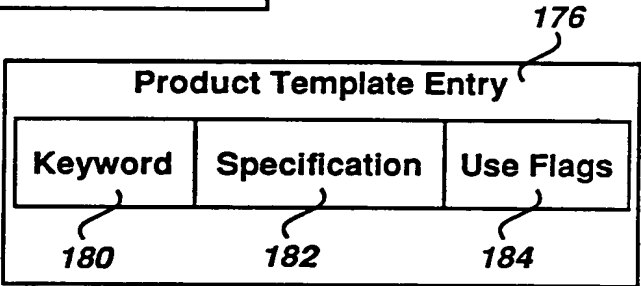


Fig. 9C

Keyword	Specification	Use Flags	Value
Product	enumeration	search,ad	Television Set
Brief Description	text	ad	27 " TV
Brand	enumeration	search,ad	brand name
Model	text	search,ad	392-43
Mfr Sug Retail Price	money	search,ad	\$500.00
Screen Size	number	search,ad	27
Remote Control	boolean	search,ad	yes
Cable Ready	boolean	search,ad	yes
Stereo Sound	boolean	search,ad	yes
Cabinet Color	enumeration	search,ad	black
Expanded Info	text	ad	Futuristic design...
Image	image	ad	(picture of product)
rating guide Rating	rank	search	3 of 14
Endorser	text	search	endorser

Fig. 9D

Patented 11/11/2009

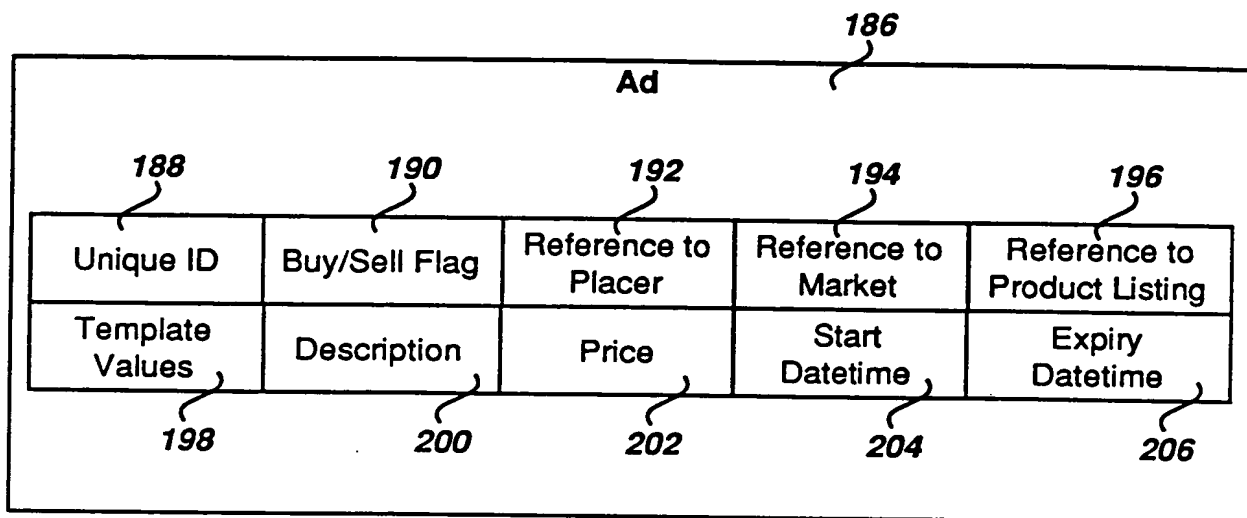
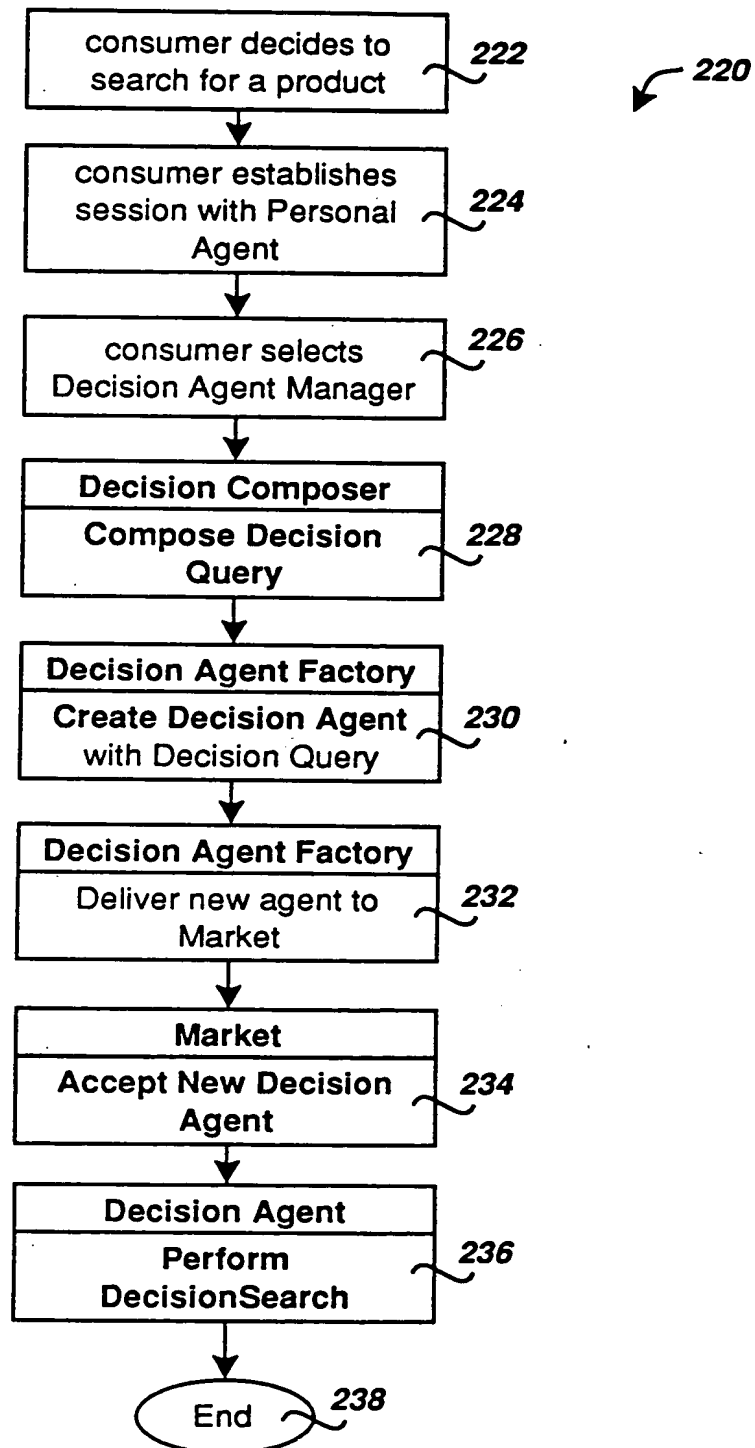


Fig. 10

662210" 8689E260

Product Search Method

Fig. 11



Compose Decision Query Subroutine

Fig. 12A

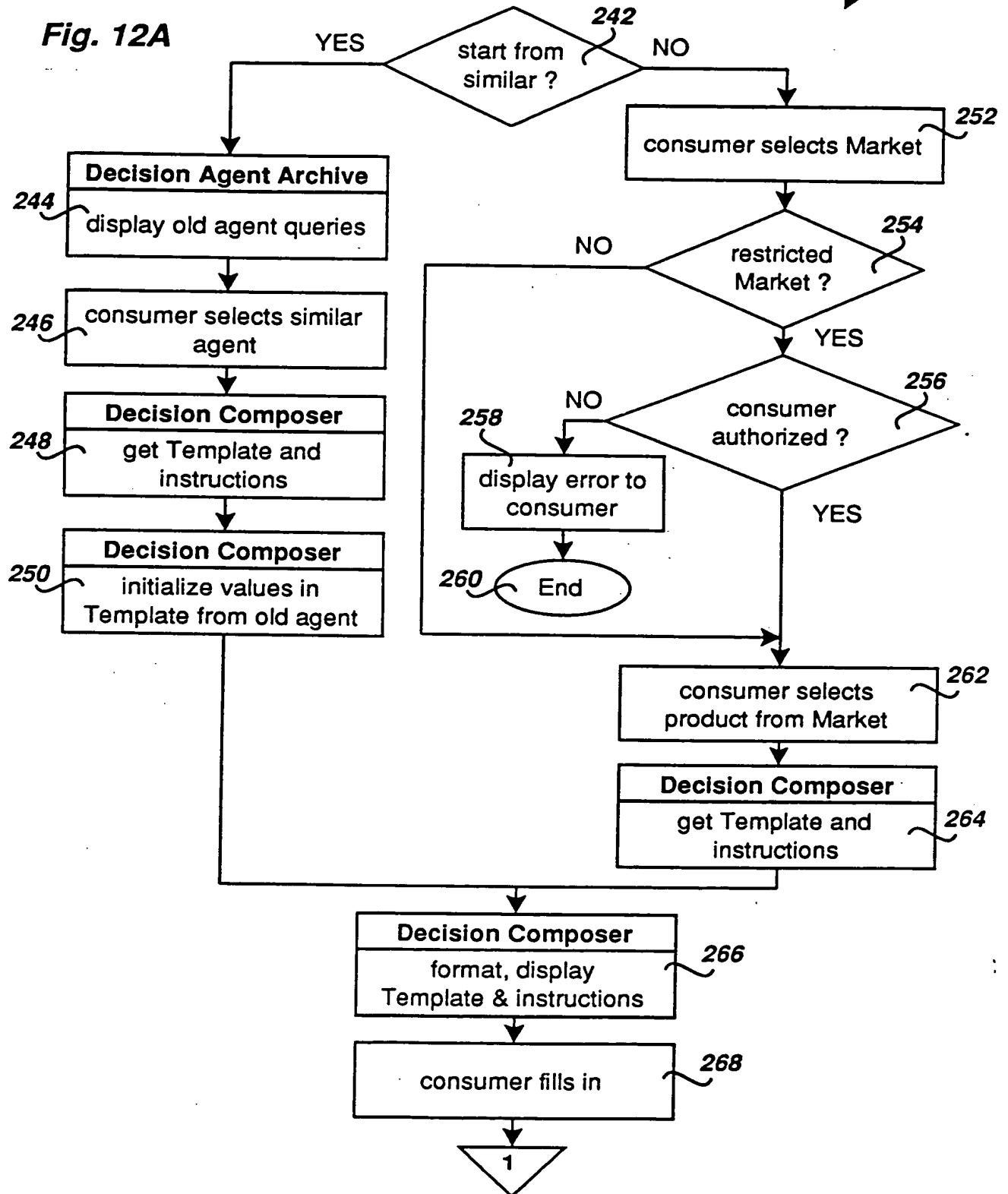


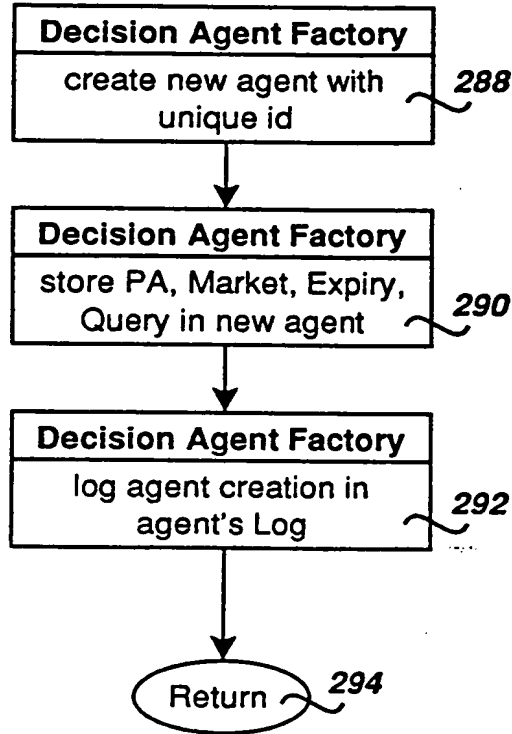
Fig. 12B

```
graph TD; Start((1)) --> Decision1{extended search? 270}; Decision1 -- NO --> Process1[immediate search is marked 274]; Decision1 -- YES --> Process2[consumer enters search expiry for extended search 272]; Process1 --> Decision2{consumer selects delivery media & time? 276}; Process2 --> Decision2; Decision2 -- YES --> Process3[consumer selection marked 279]; Decision2 -- NO --> Process4[default delivery media & time marked 280]; Process3 --> Process5[consumer selects done 282]; Process4 --> Process5; Process5 --> End((Return 284));
```

The flowchart illustrates the search process. It begins with a start node (1) leading to a decision diamond (270) asking "extended search?". If the answer is "NO", the process moves to a rectangle (274) labeled "immediate search is marked". If the answer is "YES", the process moves to a rectangle (272) labeled "consumer enters search expiry for extended search". Both paths lead to a second decision diamond (276) asking "consumer selects delivery media & time?". If the answer is "YES", the process moves to a rectangle (279) labeled "consumer selection marked". If the answer is "NO", the process moves to a rectangle (280) labeled "default delivery media & time marked". Both paths lead to a rectangle (282) labeled "consumer selects done". Finally, the process ends at a circle (284) labeled "Return".

Create Decision Agent Subroutine

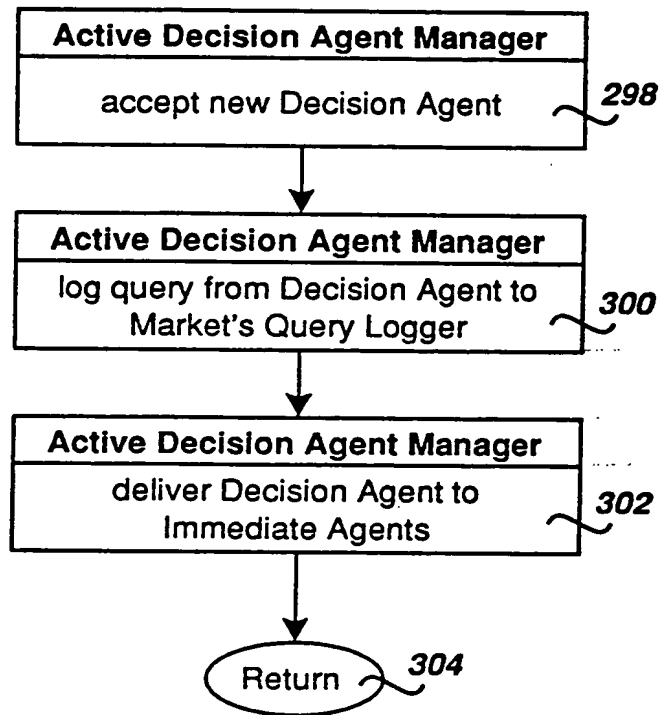
Fig. 13



Accept New Decision Agent Subroutine

Fig. 14

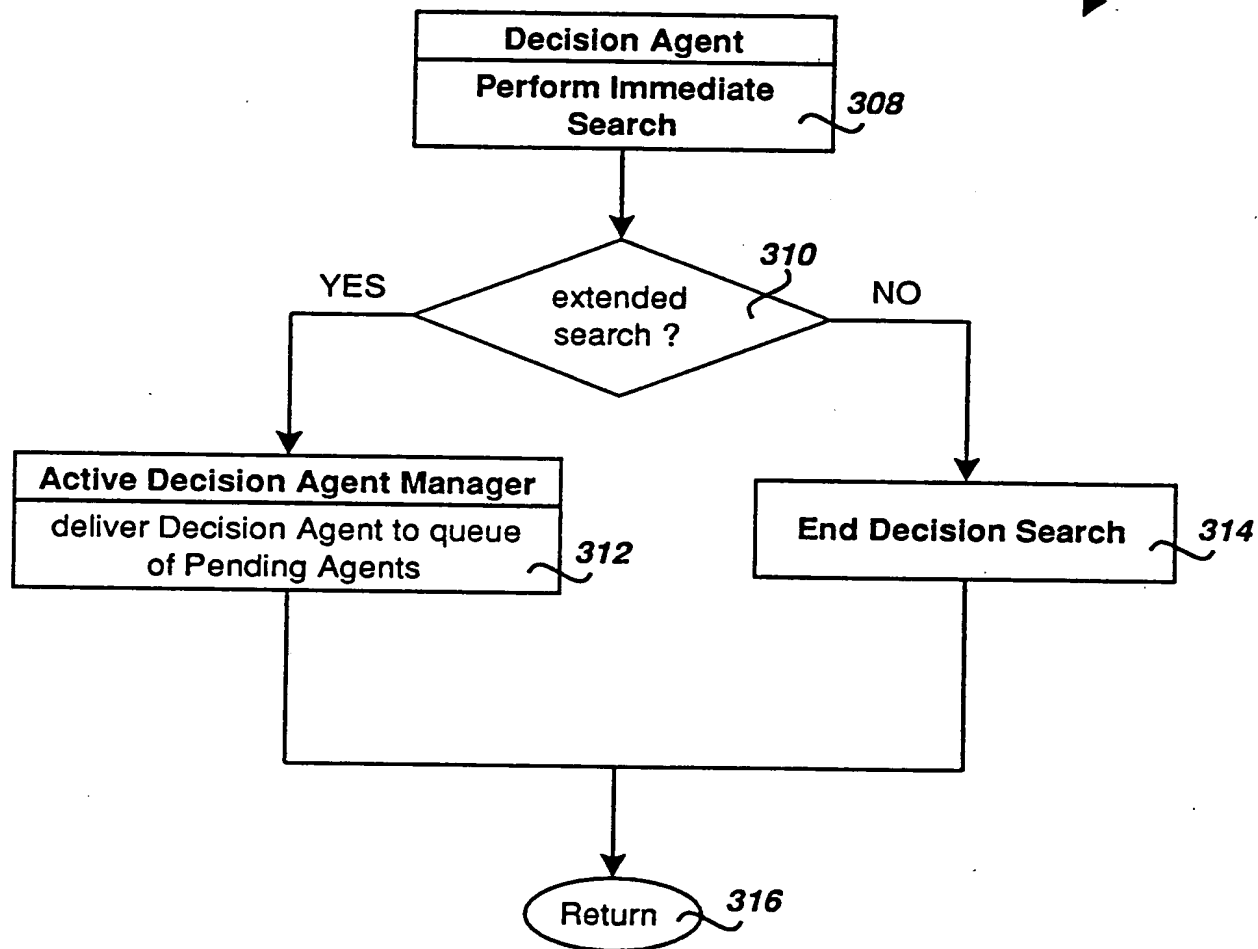
234



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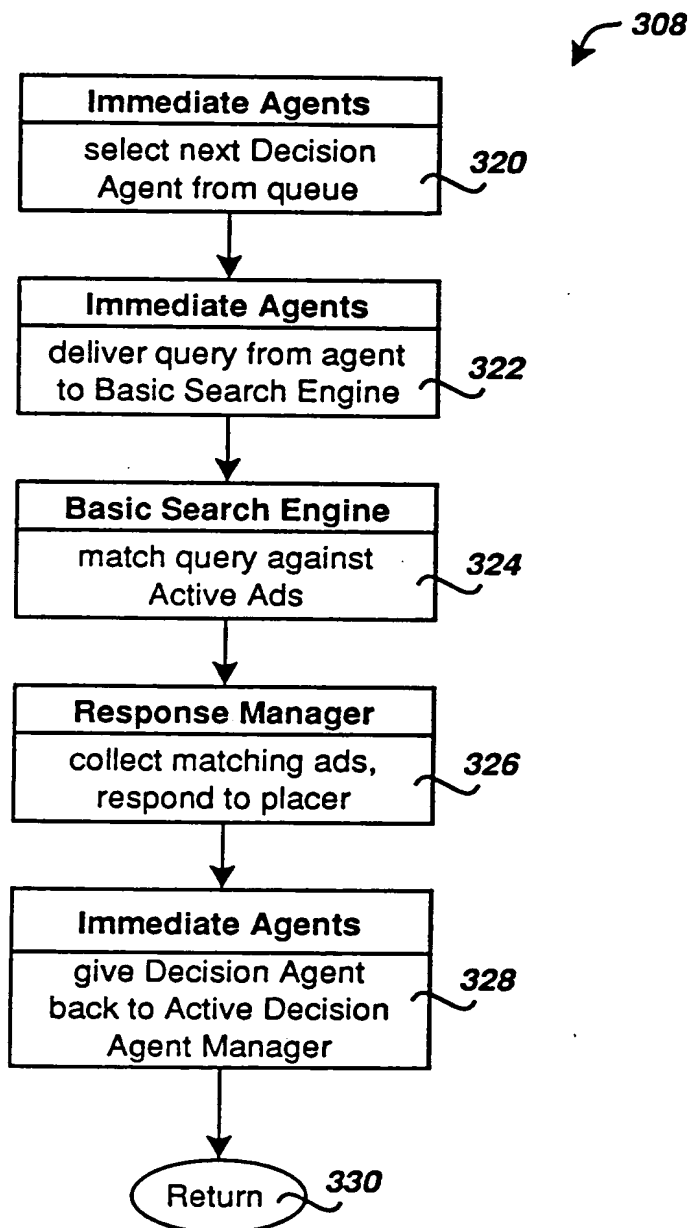
Perform Decision Search Subroutine

Fig. 15



Perform Immediate Search Subroutine

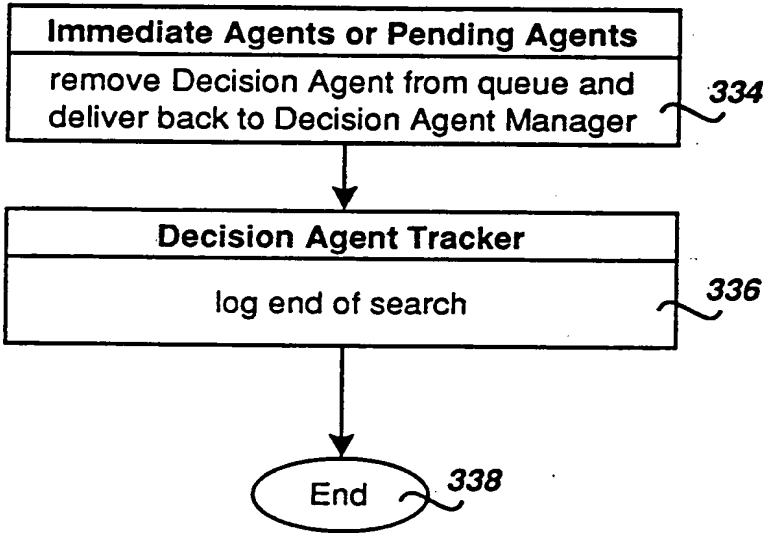
Fig. 16



End Decision Search Subroutine

Fig. 17

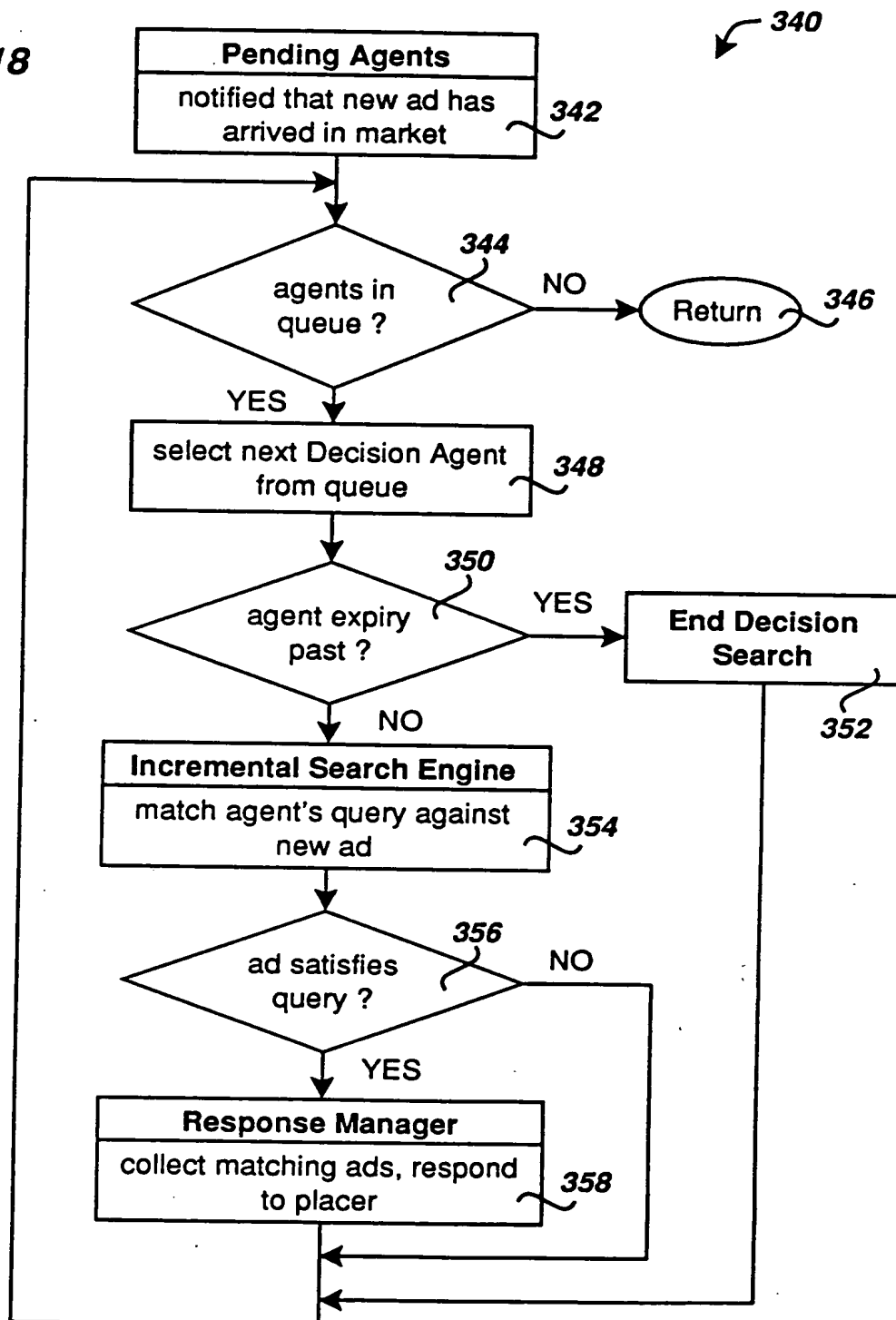
314



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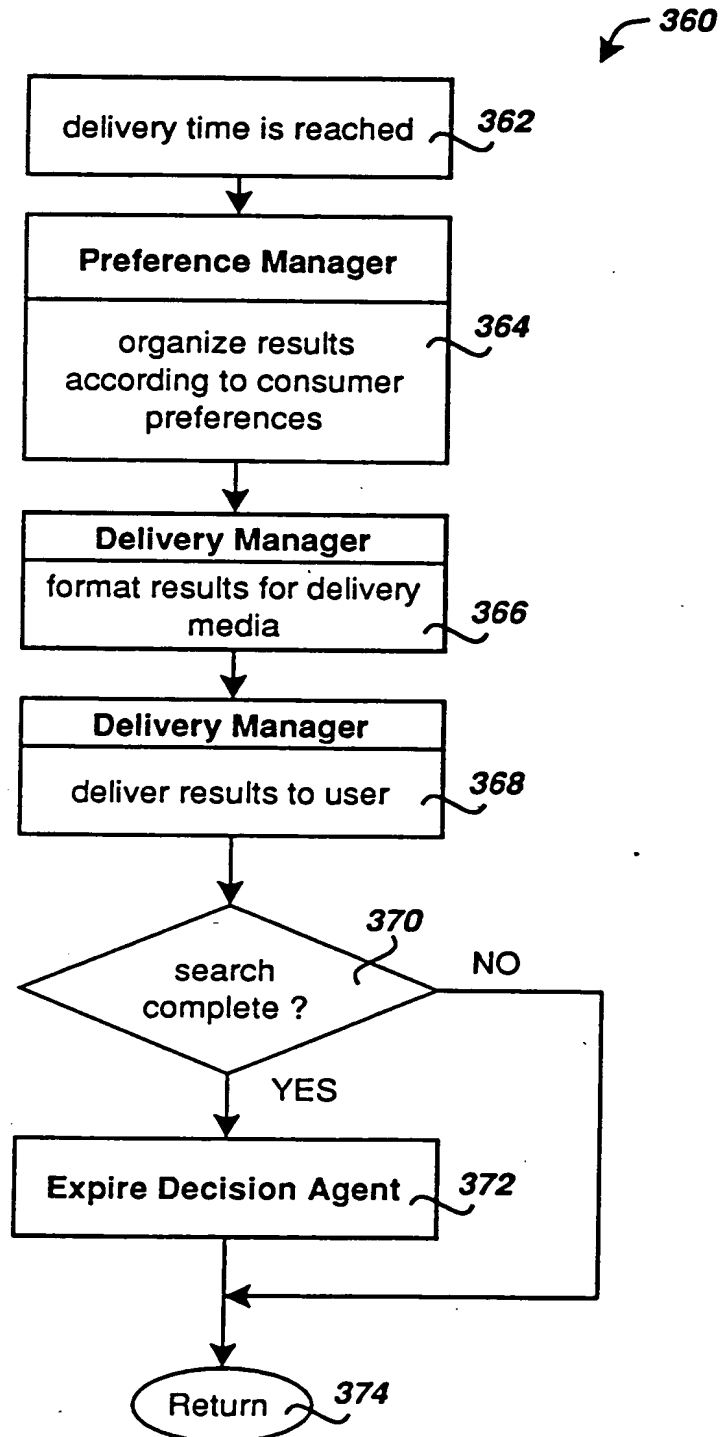
Extended Search Subroutine

Fig. 18



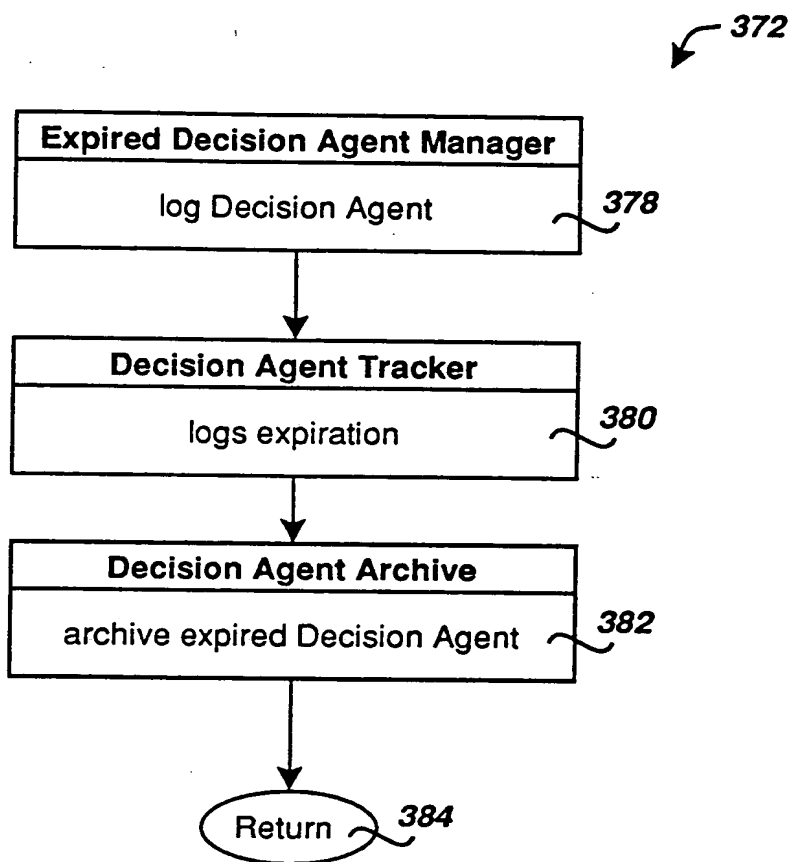
Deliver Search Results Subroutine

Fig. 19

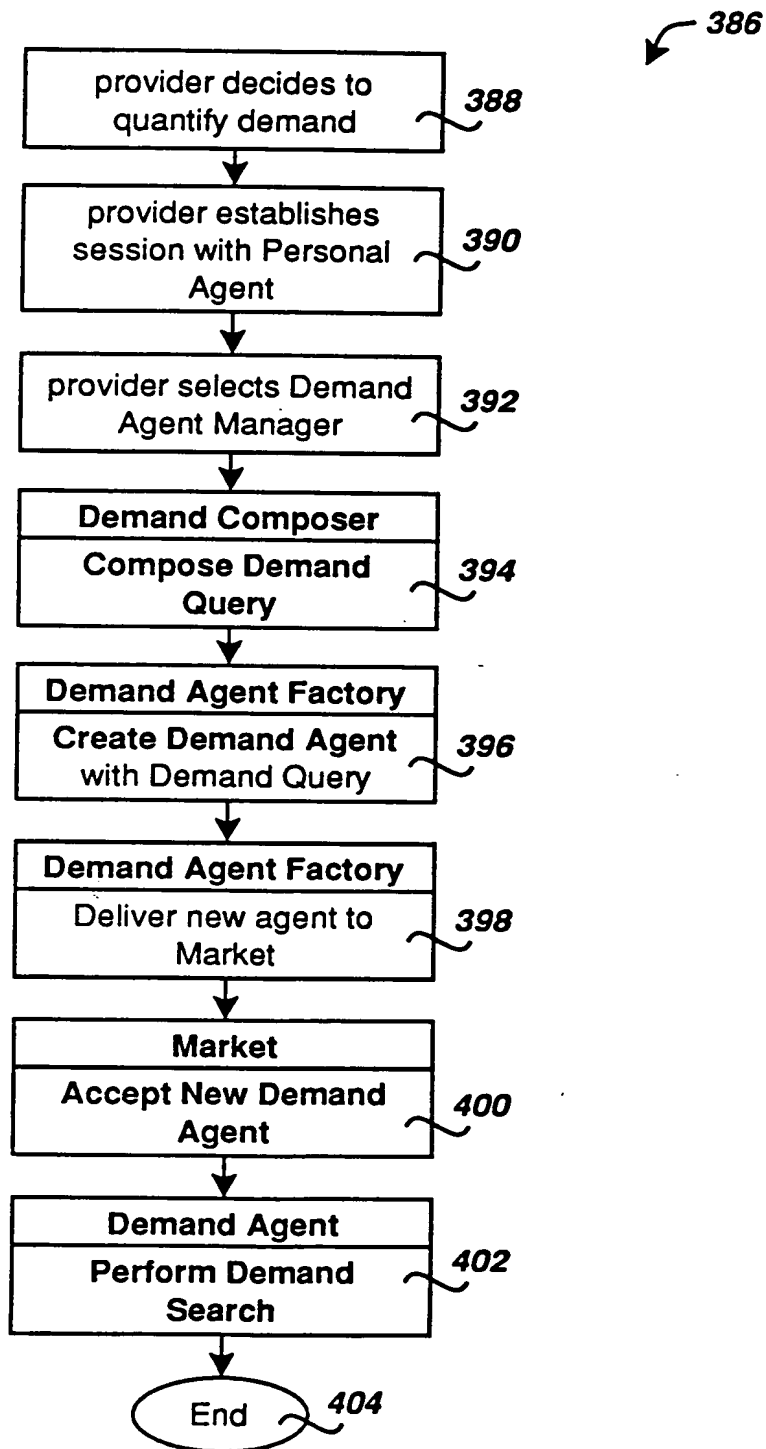


Expire Decision Agent Subroutine

Fig. 20



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Quantify Demand Method**Fig. 21**

Compose Demand Query Subroutine

Fig. 22A

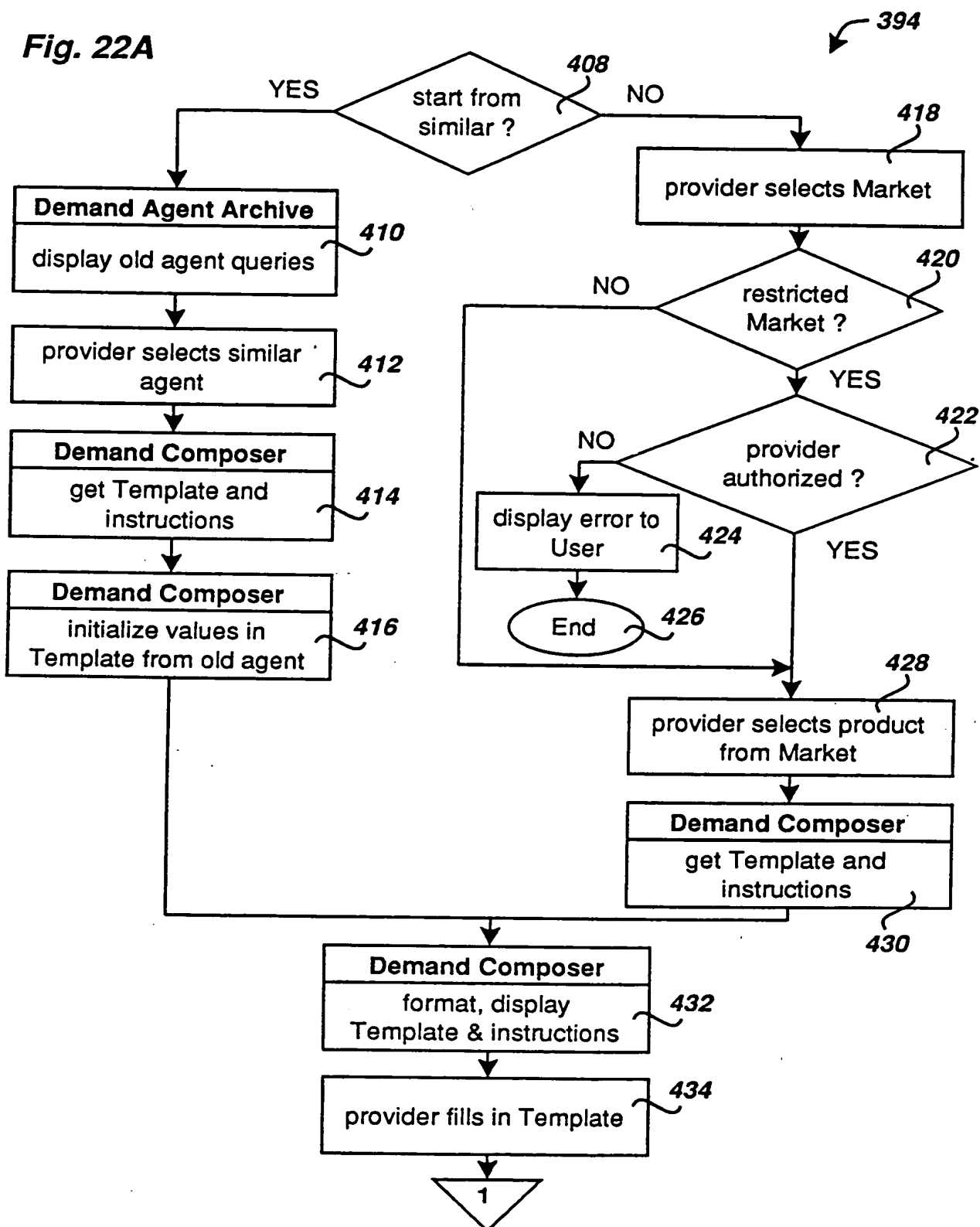
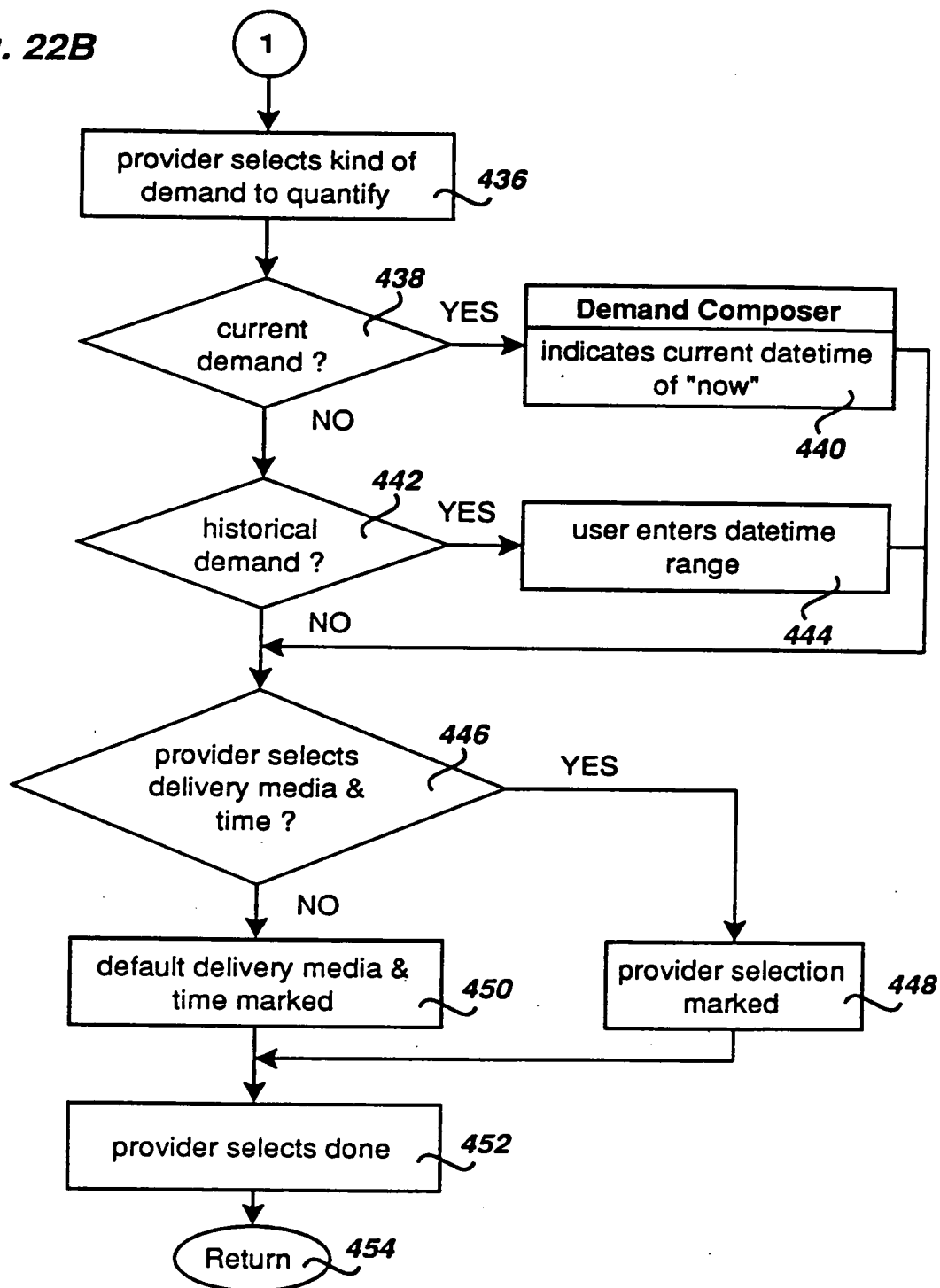


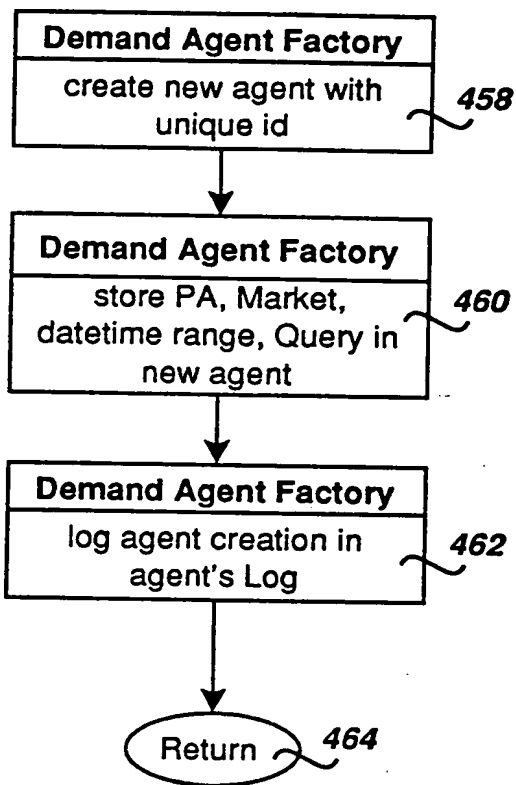
Fig. 22B



662210" 26999260

Create Demand Agent Subroutine

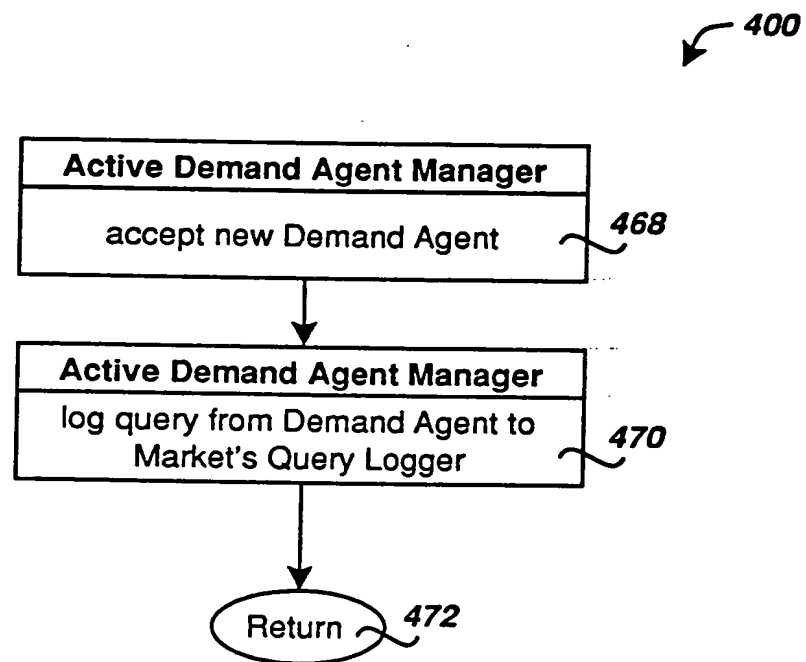
Fig. 23



APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Accept New Demand Agent Subroutine

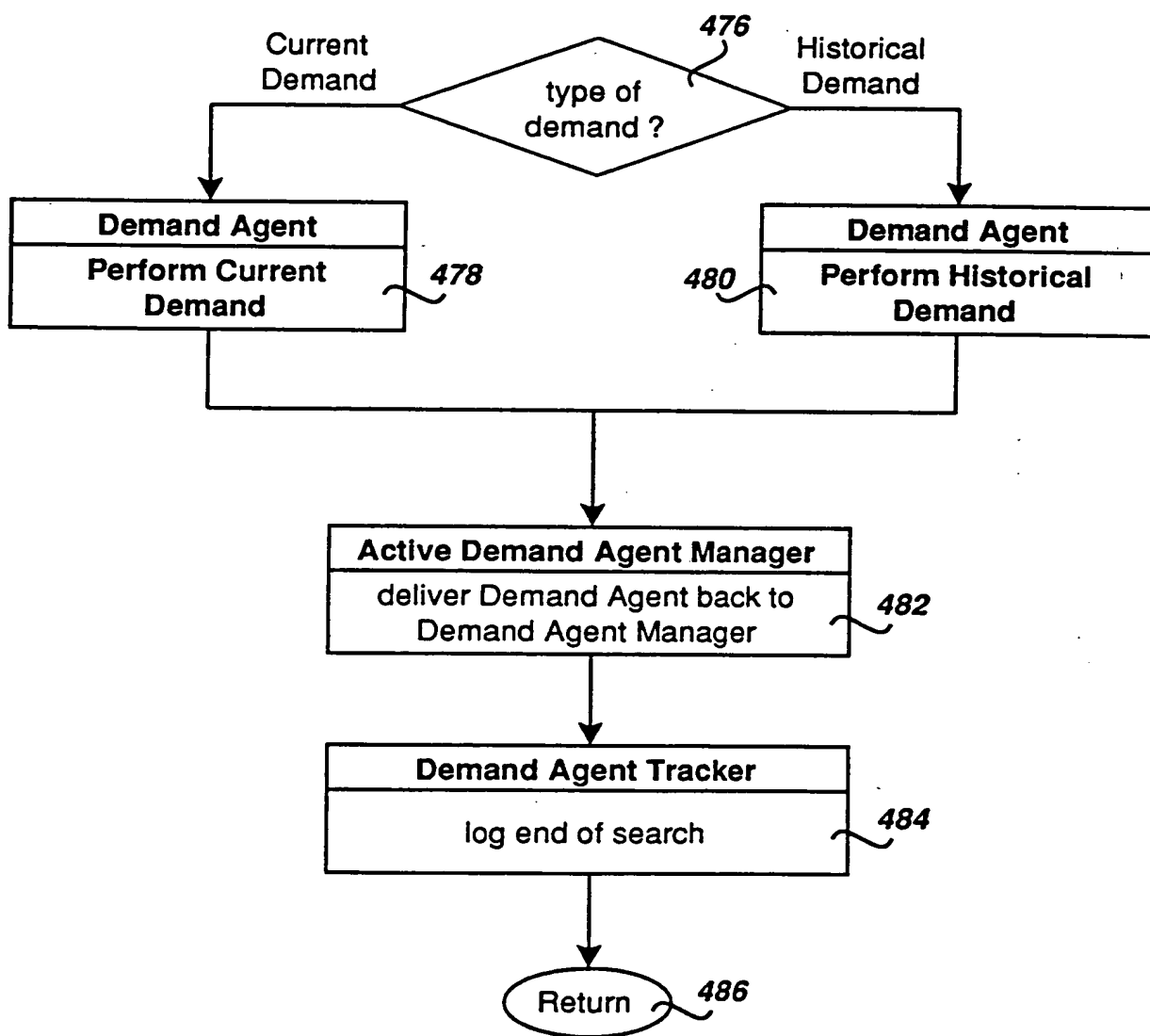
Fig. 24



Perform Demand Search Subroutine

Fig. 25

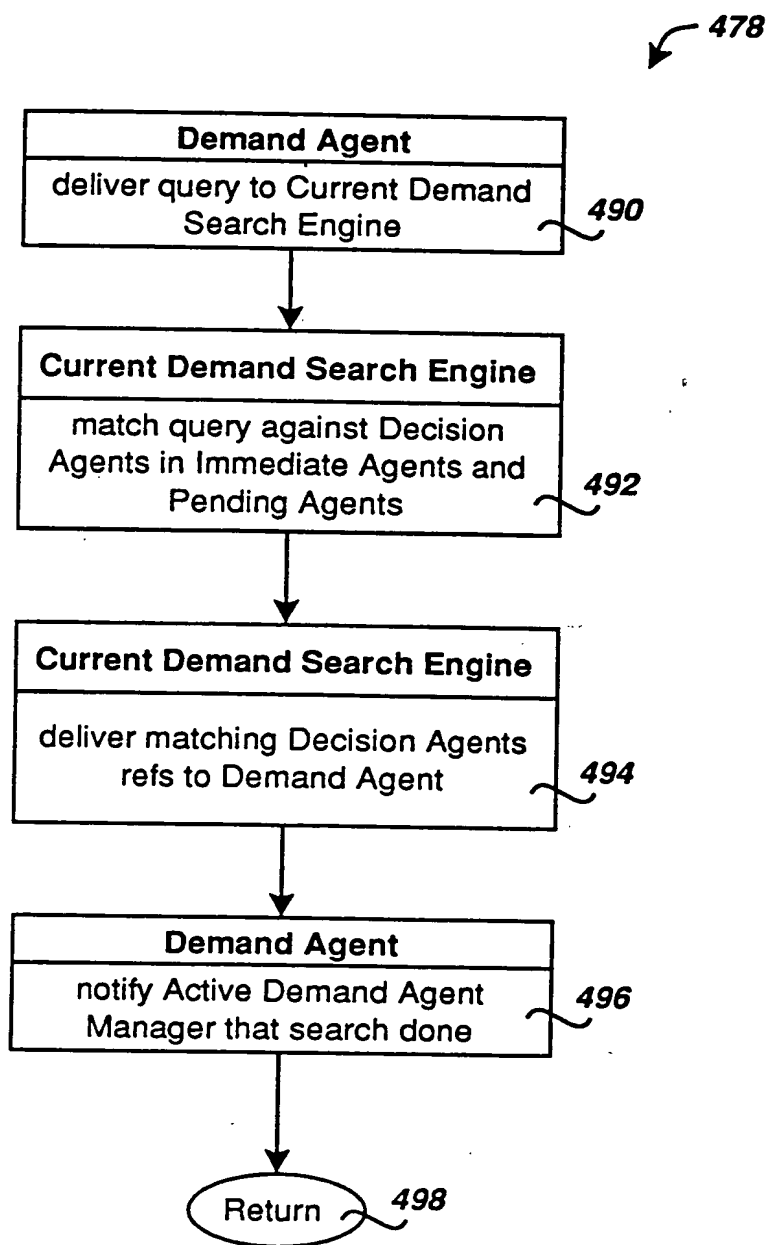
402



652210" 8685E260

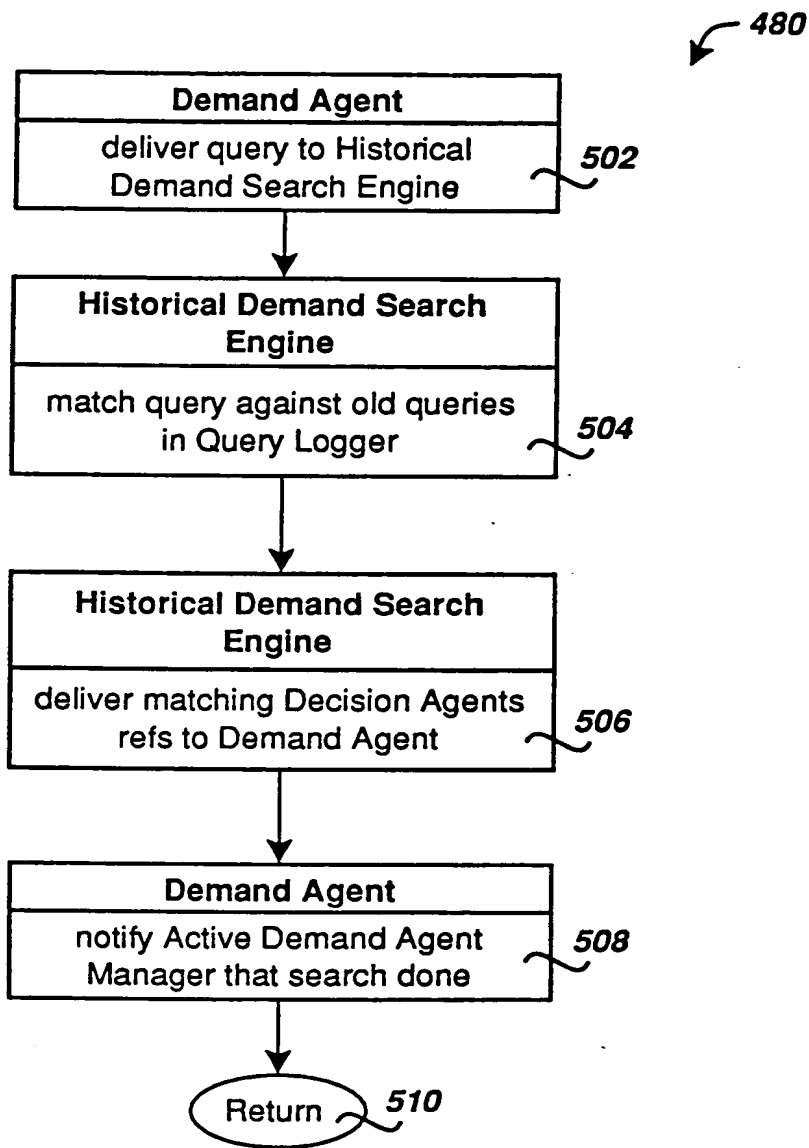
Perform Current Demand Subroutine

Fig. 26



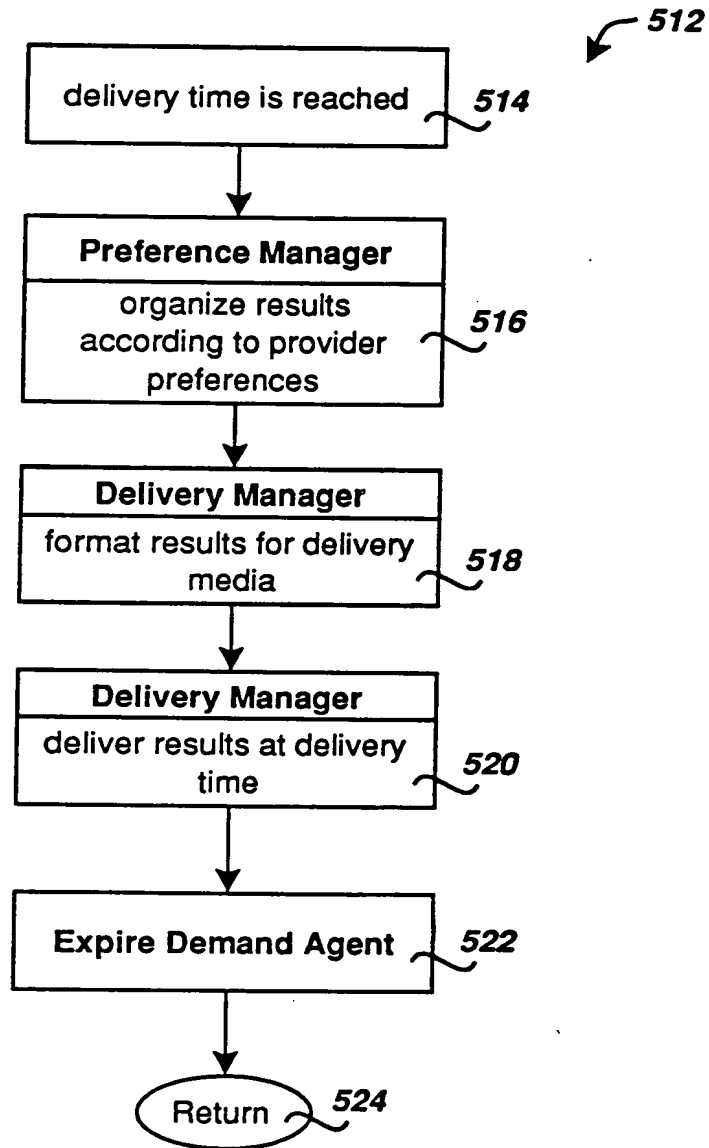
Perform Historical Demand Subroutine

Fig. 27



Deliver Demand Results Subroutine

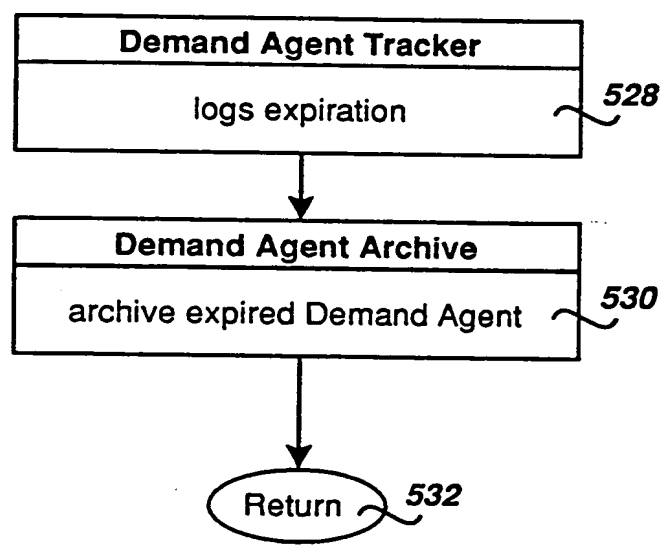
Fig. 28



Expire Demand Agent Subroutine

Fig. 29

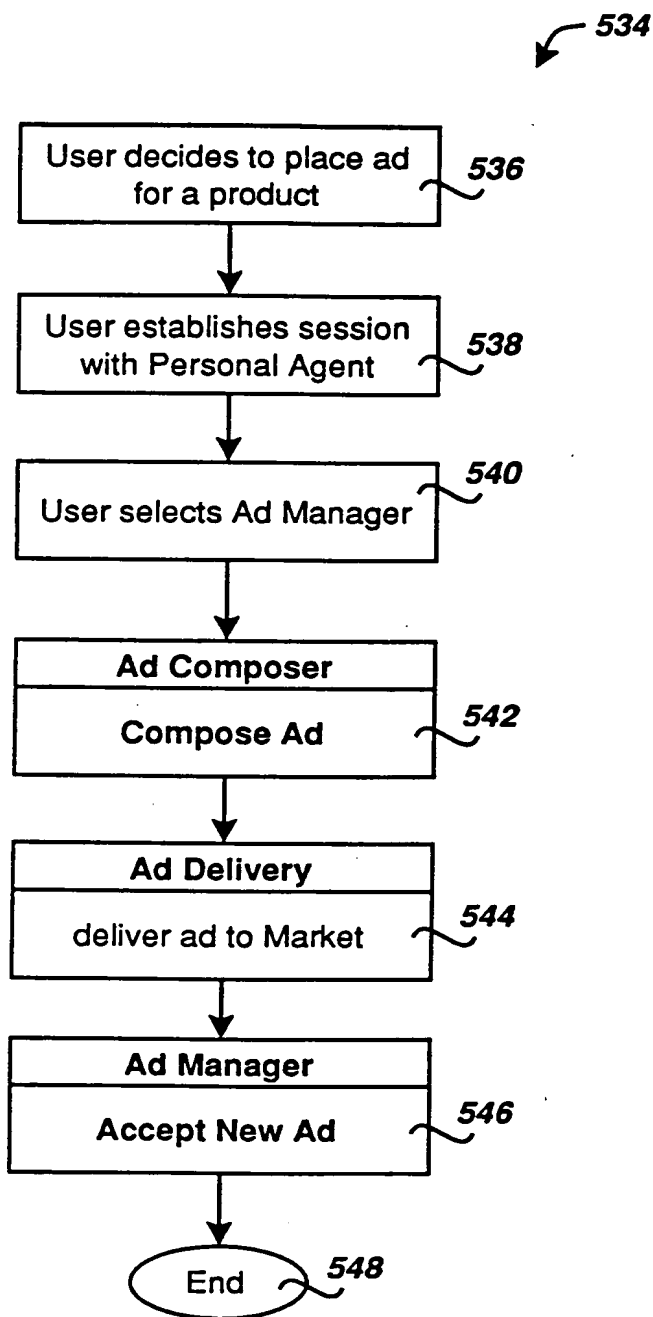
522



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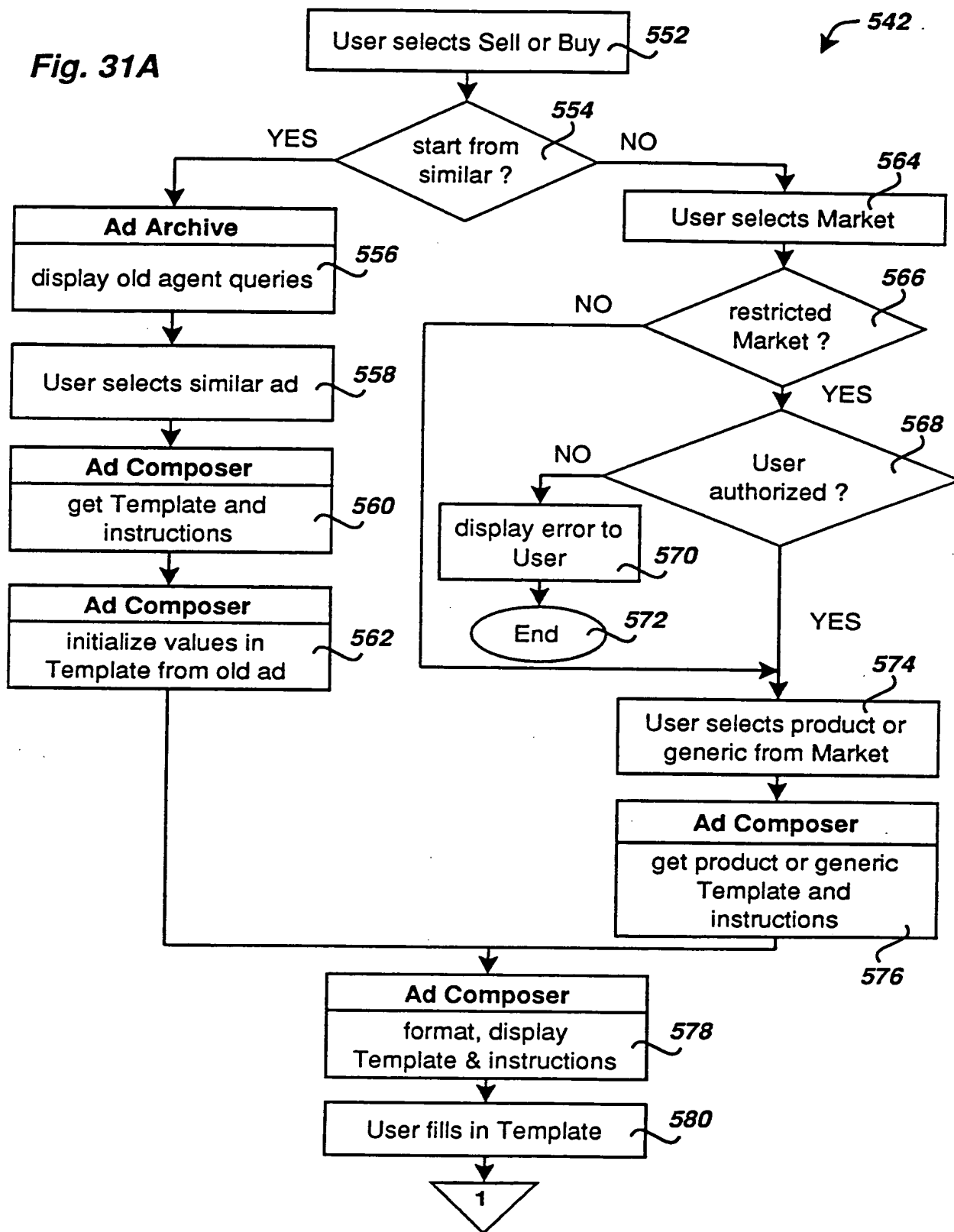
Place Ad Method

Fig. 30



Compose Ad Subroutine

Fig. 31A



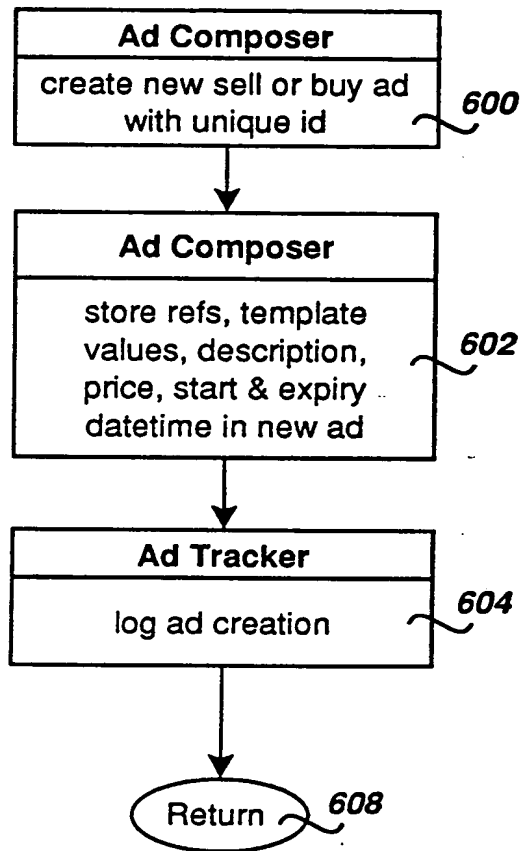
662210" 8685E260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

Create Ad Subroutine

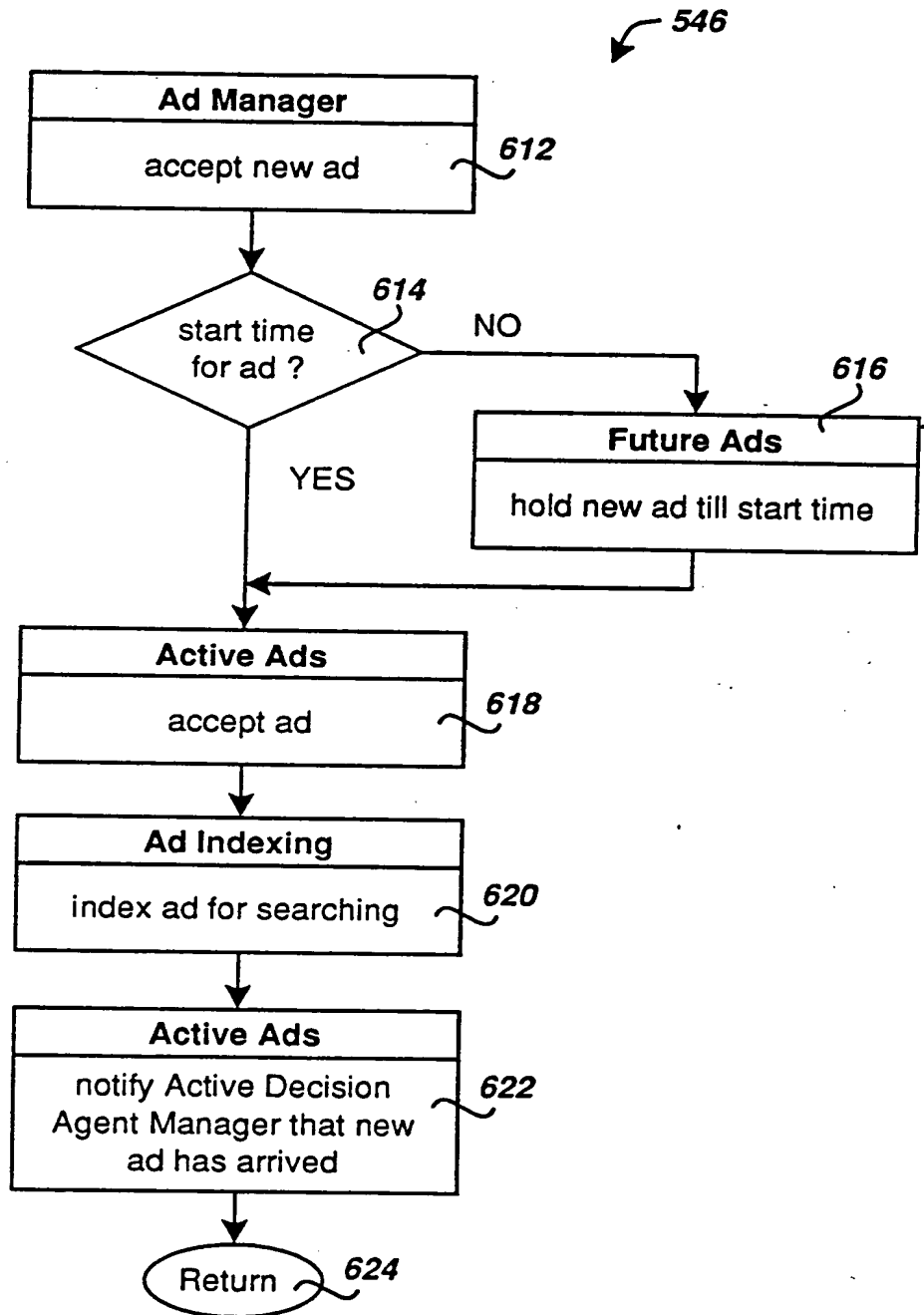
Fig. 32

594



Accept New Ad Subroutine

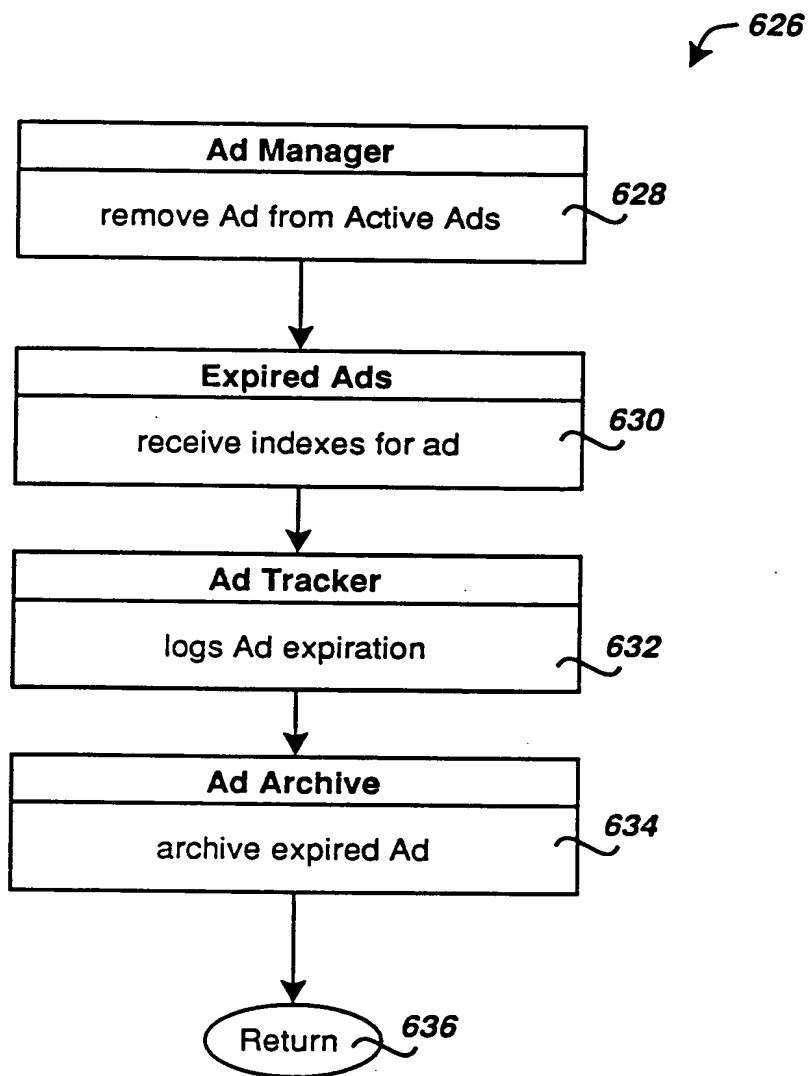
Fig. 33



662210" 8685260

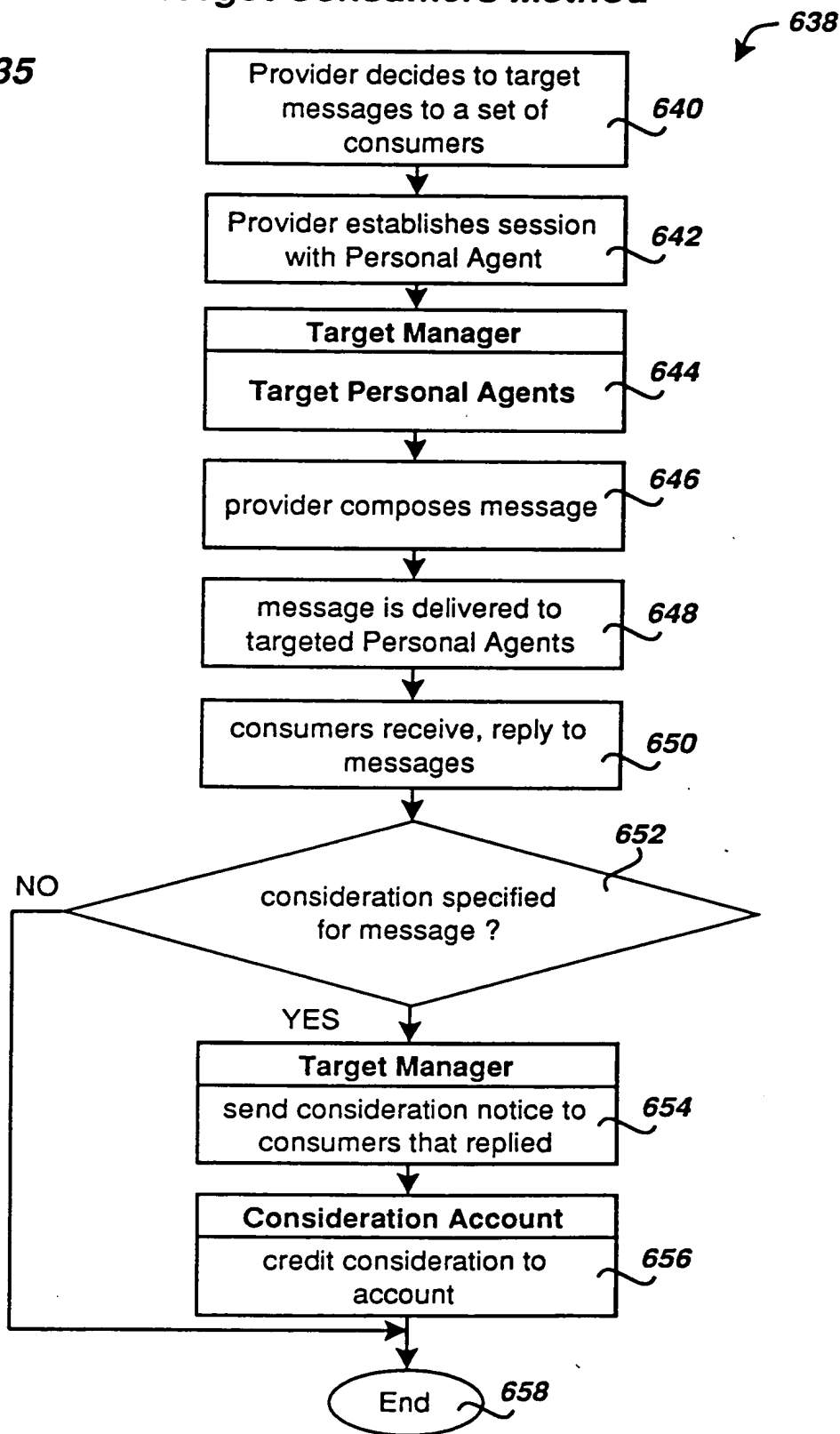
Expire Ad Subroutine

Fig. 34



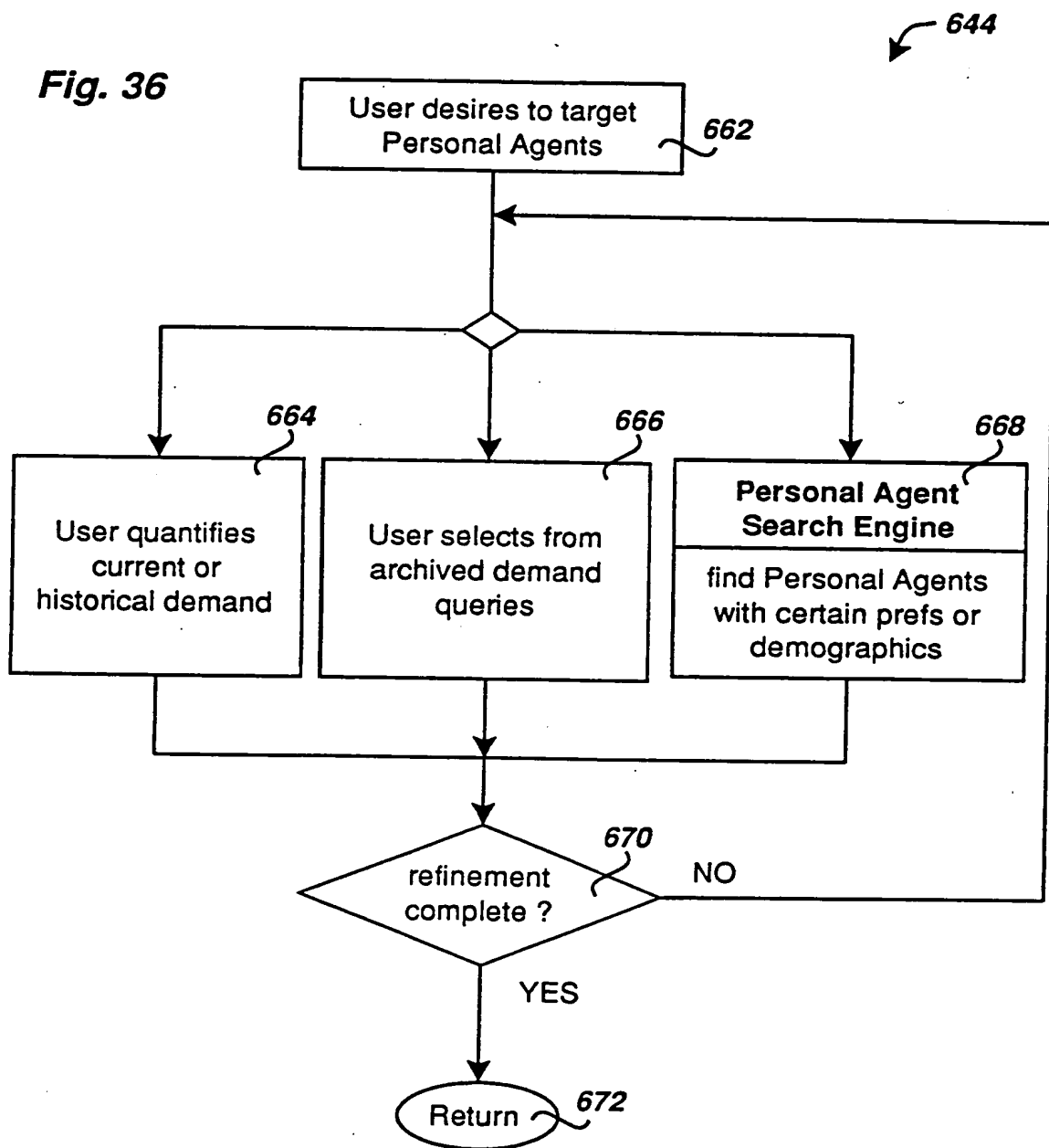
Target Consumers Method

Fig. 35



Target Personal Agents Subroutine

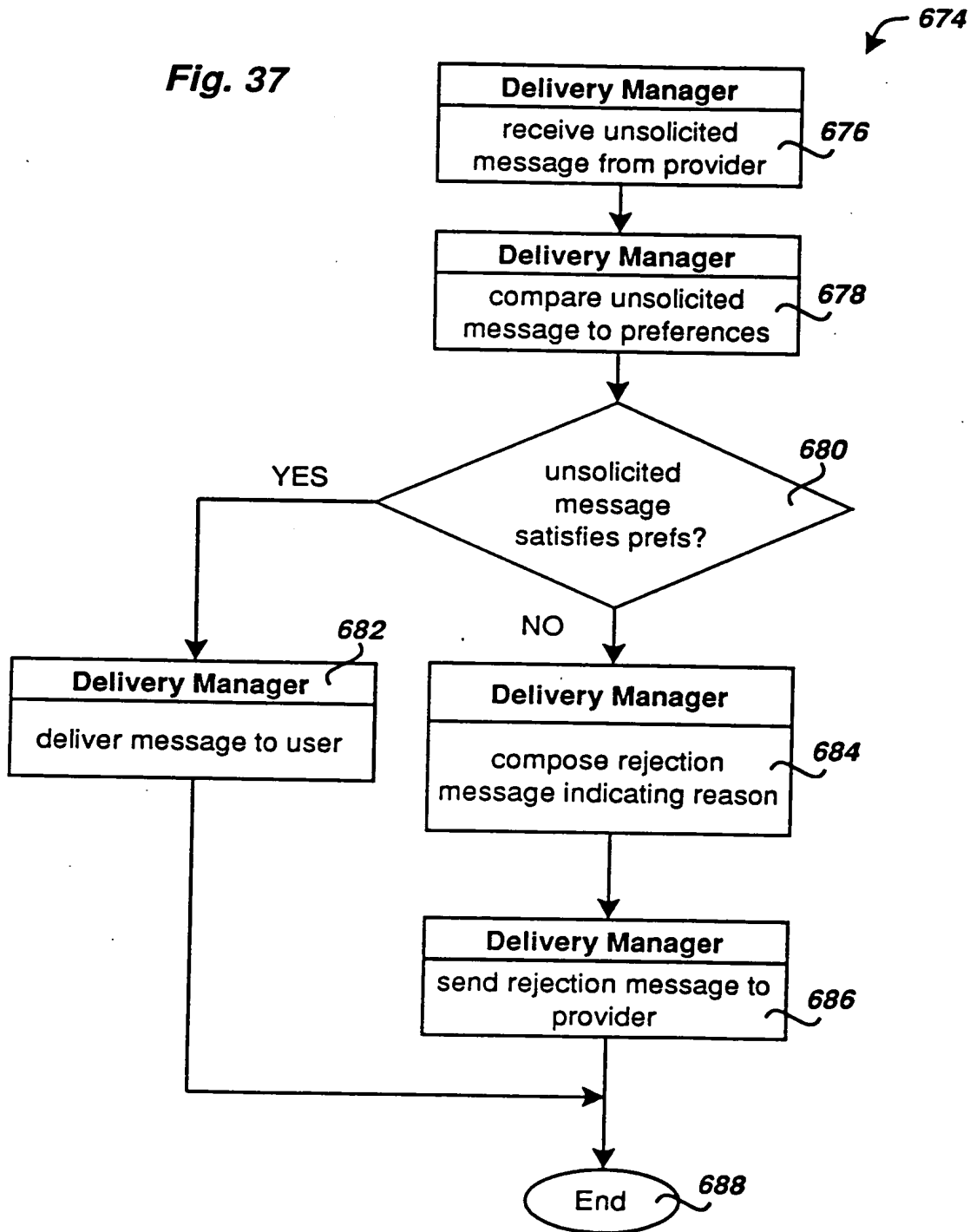
Fig. 36



662210" 8685E260

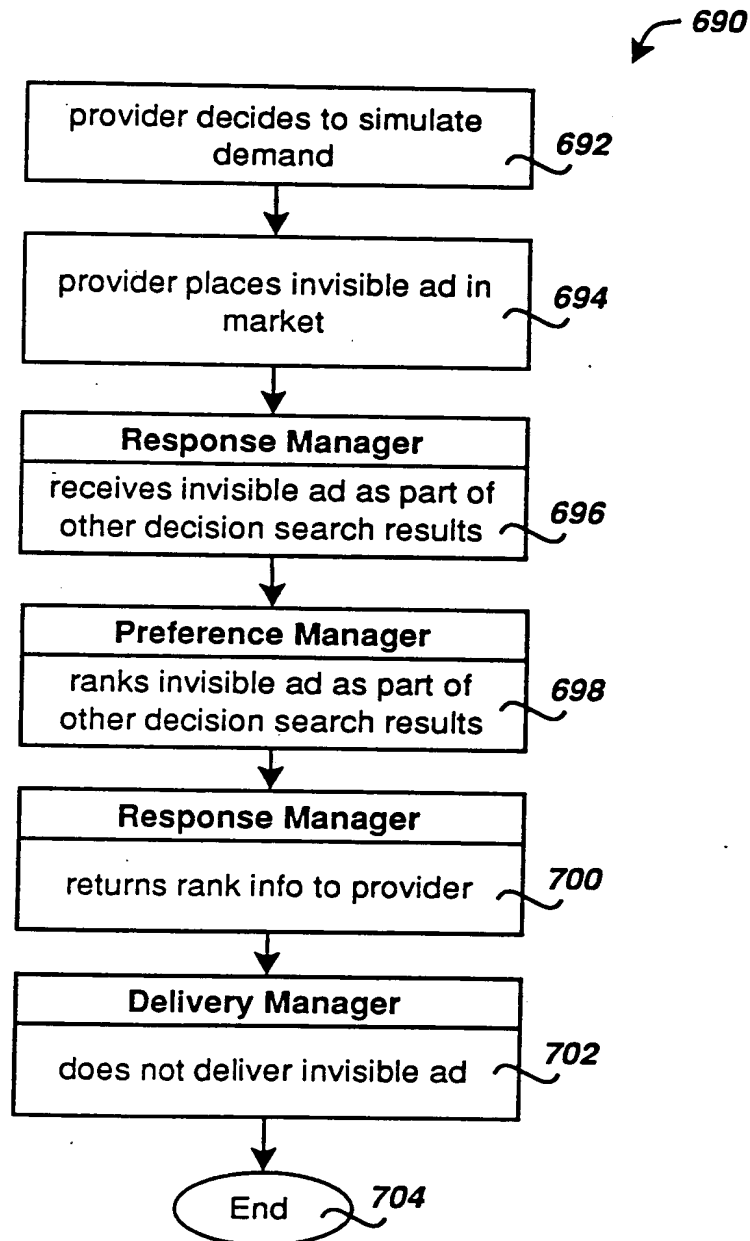
Reject Unsolicited Message Method

Fig. 37



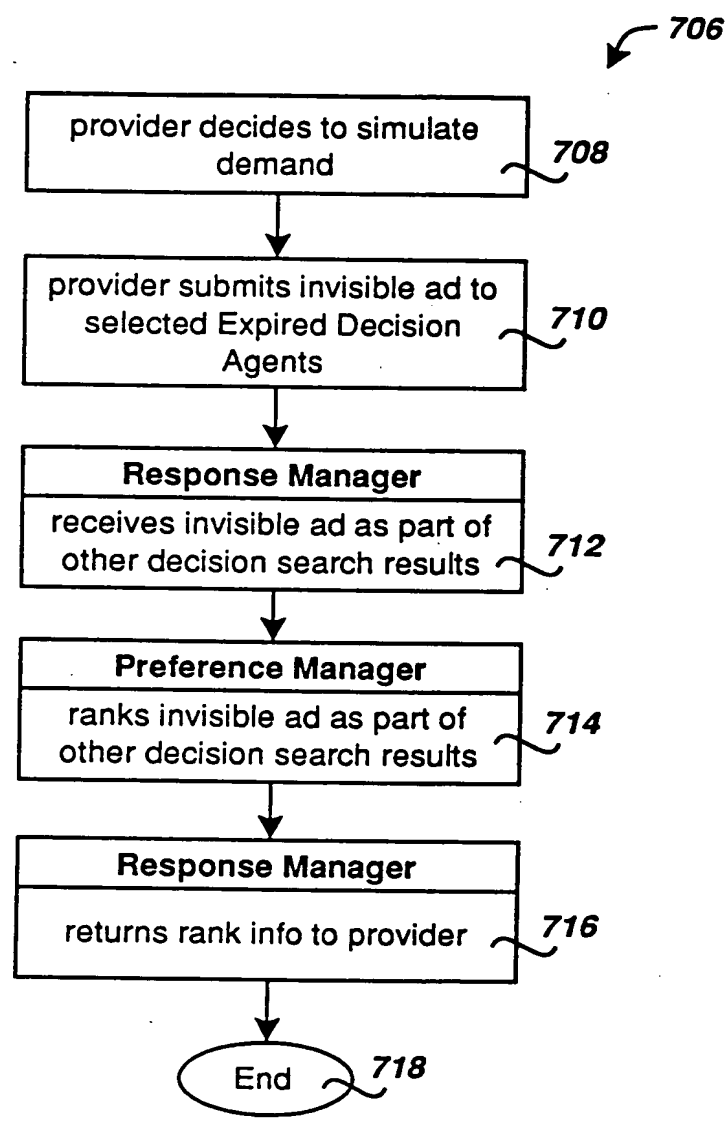
Simulate Demand Method

Fig. 38A



Replay Demand Method

Fig. 38B



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APPROVED	FIG. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Login to Agent System

Agent
Logo

Agent System Name

Welcome to Agent System

What is a Personal Agent? Create your own for FREE!

If you already have a Personal Agent,

enter your Agent Id:

and Password:

[then Click here to enter the system](#)

Fig. 39

Search the Consumer Electronics Market

Need detailed instructions? [Click here](#)

icon

Search for Consumer Electronics

Tell us what you're looking for, and let your Personal Agent immediately search for you!

Category

- | | | |
|---|--|--|
| <input type="checkbox"/> TV | <input type="checkbox"/> VCR | <input type="checkbox"/> Laser Disk Player |
| <input type="checkbox"/> Cassette Player | <input type="checkbox"/> Cassette Recorder | <input type="checkbox"/> Compact Disc Player |
| <input type="checkbox"/> Complete Stereo System | <input type="checkbox"/> Speakers | |
| <input type="checkbox"/> Receiver | <input type="checkbox"/> Amplifier | <input type="checkbox"/> Tuner |
| <input type="checkbox"/> Game Systems | <input type="checkbox"/> Clock Radio | <input type="checkbox"/> Radio |
| <input type="checkbox"/> Accessories | | |
| <input type="checkbox"/> Component | <input type="checkbox"/> Portable | <input type="checkbox"/> Console |


Product	Brand:		Model:	
Location	Merchant:		City:	
Price Range	From:		Up to:	

[Click here to specify additional features](#)

[Click here to start looking](#)

Fig. 40

562210" B6B5E260



Search for Automobiles


Need detailed instructions? [Click here](#)

Tell us what you're looking for, and let your Personal Agent immediately search for you!

☐ Sedan
☐ Sport Utility
☐ High Performance
☐ 2 door
☐ 4 wheel drive
☐ Compact
☐ New

☐ Mini Van
☐ Mini Pickup
☐ Luxury
☐ 4 door
☐ Front wheel drive
☐ Midsize
☐ Used

☐ Full size Van
☐ Full size Pickup
☐ Convertible
☐ Hatch back
☐ Rear wheel drive
☐ Fullsize

Vehicle	Make: <i>select</i> 	Model:	
Location	Dealer:	City:	
Age	From Year:	Thru Year:	
Price Range	From:	Up to:	
Maximum mileage:			

[Click here to specify additional features](#)
[Click here to start looking](#)

Fig. 41

Compose Ad

icon

Need detailed instructions? [Click here](#)

Compose a Sell Ad for Television Set

Details from Product Database are automatically included in ad.

Brand name:

Model number:

UPC code:

☐ Identify seller in ad
☐ Buyer responses to Personal Agent
If neither box is checked, responses will go to Personal Agent only

Price:

Start date & time:

Run through:

Enter additional text for ad. Delivered to searchers who request more info.

0

Click here to continue to next step

Fig. 42

662210" 86862260